

SECTION 2

TITLE V SEMI-ANNUAL REPORT

Section I.F. of the Title V Permit requires the facility to submit semi-annual reports. All instances of non-compliance shall be clearly identified in these reports. Any deviations that occurred during the March 1, 2017 through August 31, 2017 reporting period is included in the table below.

2.1 Title V Monitoring Report Deviations

| Source | Permit ID | Description | Deviation Period | | Cause of Deviation | Corrective Actions Taken To Remedy or Mitigate Deviation Situation |
|---|---|--|---|--|---|---|
| | | | Start | End | | |
| | | | Date/Time | Date/Time | | |
| S-1 Cupola, S-34, S-35, S-36 Pipe Finishing Dip Tanks | BAAQMD Condition 9351, Part 2 and Condition 24639, Part 7 | A continuous temperature recorder is required to be installed and maintained for the Cupola upper stack and pipe finishing dip tanks | 7/17/17 1:30 PM | 7/18/17 5:46 AM (approximately 4 hours of operational data lost) | Loss of network connection | Although the loss of network connection caused a loss of temperature data to be recorded, the PLC was still operating normally and no alarms were activated during the time of the data loss. Therefore, no excess emissions occurred and temperature for the cupola upper stack and the pipe dip tanks did not exceed their permit limits. AB&I replaced a network router to repair the network connection. AB&I submitted a 10-Day Non-Compliance and 30-Day Corrective Action report to the BAAQMD on July 24, 2017. |
| S-1 Cupola | 40 CFR 63.7743(b) | Operating limit for capture system | 3/23/2017 9:32:00 AM (intermittent) 6/22/2017 10:53:00 AM (intermittent) | 3/27/2017 12:15:00 PM (intermittent) 6/27/2017 12:16:00 PM (intermittent) | Draft pressure 3-hour average dropped below 0.2 inches of water column vacuum for approximately 7.62 hours due to unknown reasons | The manometer gauge needed repairs upon inspection, but the gauge is not believed to be the cause of the deviation. The S-1 Cupola was operating at a lower blast rate due to slower than normal production, which may have caused a lower draft pressure from the decreased demand. No visible emissions were observed out of the Cupola charge doors. |

AB&I submitted a combined 10-Day Non-Compliance, 30-Day Corrective Action, and 30-Day Breakdown Written Report to the BAAQMD on April 27, 2017 for a power loss incident that occurred on April 18, 2017. Upon a more thorough review of the incident, emission limitations were not exceeded, nor did the incident violate any permit conditions. The combined report was submitted to the BAAQMD on April 27, 2017 for administrative purposes. Please refer to the 10-30-30 Day report for further details.

On April 11 through 18, 2017, (4 operating days) Module 6 of the A-19 Cupola Baghouse had a pressure drop below 2 inches of water column (in. w.c.) vacuum. In accordance with Permit Condition #25039, Part 24, a method 9 visual observation is required to be performed within 48 hours of the second excursion. A method 9 visual observation of the A-19 Cupola Baghouse stack was completed on April 13, 2017, and no visual emissions were observed. The increase in pressure drop across Module 6 was due to excess build-up of dust over the rotary valve, preventing dust to be discharged into the screw conveyor. AB&I personnel conducted maintenance on Module 6, and pressure was restored within an acceptable pressure drop range on April 18, 2017. This event is not considered a deviation of permit requirements.

On July 17, 2017, Module 2 of the A-19 Cupola Baghouse had a pressure drop above 10 in. w.c. vacuum. The pressure drop resumed normal range automatically the same day via the cleaning cycle. The filter bags were inspected by AB&I personnel on July 21, 2017, and no issues were discovered. This event is not considered a deviation of permit requirements.

On April 17 and 20, 2017, A-63 Baghouse #4 had a pressure drop above 10 in. w.c due to operator oversight to empty the hopper at a faster rate due to increased production during this time. A method 9 visual observation was completed at the baghouse stack on July 20, 2017 per Permit Condition #25039, Part 24, and no visual emissions were observed. The hopper was emptied during a scheduled plant shutdown on July 31, 2017. Upon plant startup on August 7, 2017, no further pressure drop excursions were observed. This event is not considered a deviation of permit requirements.

The Semi-Annual Monitoring Verification Report is included as Attachment 2-1.

Attachment 2-1
Semi-Annual Monitoring Verification Report

Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
Facility (Except S-51)

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y / N) |
|--|--|--|---------------------|---|-----------------------|--------------------|
| NESHAP 40 CFR Part 63, Subpart EEEE | National Emission Standards for Hazardous Air Pollutants for Iron and Steel Foundries (02/07/2008) | | | | | |
| 63.7681 | Am I subject to this subpart? | | | | Y | |
| 63.7682 | What parts of this foundry does this subpart cover? | | | | Y | |
| 63.7683(a) | Existing source compliance deadline (April 23, 2007) | | | | Y | |
| 63.7683(b) | Existing source compliance deadline for work practice standards (April 22, 2005) | | | | Y | |
| 63.7683(f) | Notification and Schedule requirements (63.7750) | | | | Y | |
| 63.7700 | What work practice standards must I meet? | | | | Y | |
| 63.7710(a) | Operate and maintain foundry consistent with good air pollution control practices | | | | Y | |
| 63.7720(a) | General compliance requirements, exemption startup, shutdown, malfunction | | | | Y | |
| 63.7720(c) | Develop a written startup, shutdown, and malfunction plan | | | | Y | |
| 63.7730(b) | Initial demonstration of compliance with work practice standards and operation and maintenance requirements within 30 days of April 22, 2005 | | | | Y | |
| 63.7731(b) | Subsequent performance tests for fugitive emissions from building or structures | Opacity level ≤ 20% (6 minute average) 63.7690(a)(7) | 63.7731(b) | Visible Emissions (M9) P/6 months | Once every six months | Y |
| 63.7735 | Initial compliance demonstration with work practice standards | | | | Y | |
| 63.7736 | Initial compliance demonstration with operation and maintenance requirements | | | | Y | |
| 63.7743(a)(7) | Continuous compliance demonstration for fugitive emissions from building or structures | Opacity level ≤ 20% (6 minute average) 63.7690(a)(7) | 63.7731(b) | Visible Emissions (M9) P/6 months | Once every six months | Y |
| 63.7745(a)(1) | Continuous compliance demonstration – operation and maintenance requirements | | | Inspections, corrective action, record keeping P/M | Once every six months | Y |

| Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements Facility (Except S-51) | | | | | | |
|---|--|-------|---------------------|--|-----------------------|--------------------|
| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y / N) |
| 63.7745(a)(1) | Continuous compliance demonstration – operation and maintenance requirements | | | Inspections, corrective action, record keeping P/M | Once every six months | Y |
| 63.7745(a)(1) | Continuous compliance demonstration – operation and maintenance requirements | | | Inspections, corrective action, record keeping P/M | Once every six months | Y |
| 63.7746(b) | Startup, shutdown, malfunction deviations are not violations | | | | | Y |
| 63.7750 | Notification requirements | | | | | Y |
| 63.7751 | Reporting requirements | | | | | Y |
| 63.7752 | Recordkeeping requirements | | | | | Y |
| 63.7753 | Recordkeeping requirements (5 years) | | | | | Y |
| | Table 1: Applicability of General Provisions (Subpart A) | | | | | Y |
| 63.7760 | Delegation | | | | | Y |
| 63.7761 | Definitions | | | | | Y |
| 63.7765 | | | | | | Y |

Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-1 – Cupola abated by A-20, A-22 Afterburner and A-19 Baghouse

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y / N) |
|--|--|--|--|------------------------------------|-----------------------|--------------------|
| BAAQMD Regulation 6, Rule 1 (12/05/07) | Particulate Matter | | | | | |
| 6-1-301 | Ringelmann 1.0 Limitation | OPACITY Ringelmann 1.0 < 3 min/hr | 63.7740(b); CAM Condition #25039, Part 15 | Bag leak detector C | Once every six months | Y |
| | | | CAM Condition #25039, Part 21 | Pressure drop monitoring P/D | Once every six months | Y |
| | | | BAAQMD Condition #9351, Part 11; CAM Condition #25039, Part 27 | Source Test P/Every 5 years | Every 5 years | Y |
| 6-1-305 | Visible Particles | FILTERABLE PARTICULATE 0.15 gr/dscf | 63.7740(b); CAM Condition #25039, Part 15 | Bag leak detector C | Once every six months | Y |
| 6-1-310 | Particulate Weight Limitation | | CAM Condition #25039, Part 21 | Pressure drop monitoring P/D | Once every six months | Y |
| | | | 63.7731(a); 63.7743(a)(12); BAAQMD Condition #9351, Part 11; CAM Condition #25039, Part 27 | Source Test P/Every 5 years | Every 5 years | Y |
| | | | | | | |
| 6-1-311 | General Operations | FILTERABLE PARTICULATE 4.10P ^{0.6} lb/hr where P is process weight, ton/hr | 63.7740(b); CAM Condition #25039, Part 15 | Bag leak detector C | Once every six months | Y |
| | | | CAM Condition #25039, Part 21 | Pressure drop monitoring P/D | Once every six months | Y |

Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-1 – Cupola abated by A-20, A-22 Afterburner and A-19 Baghouse

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring Frequency | Reporting | Compliance (Y/N) |
|-------------------------|---|---|--|---------------------------------|-----------------------|------------------|
| | | | 63.7731(a); 63.7743(a)(12); BAAQMD Condition #9351, Part 11; CAM Condition #25039, Part 27 | Source Test P/Every 5 years | Every 5 years | Y |
| 6-1-401 | Appearance of Emissions | | | | | Y |
| 6-1-601 | Particulate Matter, Sampling, Sampling Facilities, Opacity Instruments and Appraisal of Visible Emissions | | | | | Y |
| SIP Regulation 6 | Particulate Matter and Visible Emissions (09/04/98) | | | | | |
| 6-301 | Ringelmann 1.0 Limitation | OPACITY Ringelmann 1.0 < 3 min/hr | 63.7740(b); CAM Condition #25039, Part 15 | Bag leak detector C | Once every six months | Y |
| | | | CAM Condition #25039, Part 21 | Pressure drop monitoring P/D | Once every six months | Y |
| | | | BAAQMD Condition #9351, Part 11; CAM Condition #25039, Part 27 | Source Test P/Every 5 years | Every 5 years | Y |
| 6-305 | Visible Particles | FILTERABLE PARTICULATE 0.15 gr/dscf | 63.7740(b); CAM Condition #25039, Part 15 | Bag leak detector C | Once every six months | Y |
| 6-310 | Particulate Weight Limitation | | CAM Condition #25039, Part 21 | Pressure drop monitoring P/D | Once every six months | Y |
| | | | 63.7731(a); 63.7743(a)(12); BAAQMD Condition #9351, Part 11; CAM Condition #25039, Part 27 | Source Test P/Every 5 years | Every 5 years | Y |

Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-1 – Cupola abated by A-20, A-22 Afterburner and A-19 Baghouse

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y/N) |
|------------------------------------|---|--|---|--|-----------------------|------------------|
| 6-311 | General Operations | FILTERABLE PARTICULATE 4.10P0.67 lb/hr, where P is process weight, ton/hr | 63.7740(b); CAM Condition #25039, Part 15 | Bag leak detector C | Once every six months | Y |
| | | | CAM Condition #25039, Part 21 | Pressure drop monitoring P/D | Once every six months | Y |
| | | | 63.7731(a); 63.7743(a)(12); BAAQMD Condition #9351, Part 11; CAM Condition #25039, Part 27 | Source Test P/Every 5 years | Every 5 years | Y |
| 6-401 | Appearance of Emissions | | | | | Y |
| 6-601 | Particulate Matter, Sampling, Sampling Facilities, Opacity Instruments and Appraisal of Visible Emissions | | | | | Y |
| BAAQMD Regulation 8, Rule 2 | Organic Compounds: Miscellaneous Operations (7/20/2005) | | | | | |
| 8-2-301 | Miscellaneous Operations | VOC 15 lb/day and 300ppmd | BAAQMD Condition #9351, Part 11 | Source Test P/Every 5 years | Every 5 years | Y |
| 8-2-601 | Determination of Compliance | | | | | Y |
| BAAQMD Regulation 9, Rule 1 | Inorganic Gaseous Pollutants: Sulfur Dioxide (3/15/1995) | | | | | |
| 9-1-304 | Fuel Burning (Liquid and Solid Fuels) | Sulfur content of solid fuel limited to ensure SO ₂ ≤ 300 ppmd | BAAQMD Condition #9351, Part 4 | Fuel certification; Source test if >1.0% S P/E | Once every six months | Y |
| | | | BAAQMD Condition #9351, Part 11 | Source Test P/Every 5 years | Every 5 years | Y |
| 9-1-601 | Sampling and Analysis of Gas Streams | | | | | Y |
| 9-1-602 | Sulfur Content of Fuels | | | | | Y |

Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-1 - Cupola abated by A-20, A-22 Afterburner and A-19 Baghouse

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y/N) |
|---|---|--|---------------------------------|--|---------------|------------------|
| 9.1-603 | Averaging Times | | | | | Y |
| BAAQMD Regulation 11, Rule 1 | Hazardous Pollutants/ Lead (3/17/82) | | | | | |
| 11-1-301 | Daily Limitation | LEAD 15 lb/day | BAAQMD Condition #9351, Part 11 | Source Test P/Every 5 years | Every 5 years | Y |
| 11-1-302 | Ground Level Concentration Limit Without Background | LEAD $\leq 1.0 \text{ ug/m}^3$ | N | | | Y |
| 11-1-604 | Determination of Daily Emission Limits | | | | | Y |
| NESHAP 40 CFR Part 63, Subpart EEEEE | National Emission Standards for Hazardous Air Pollutants for Iron and Steel Foundries (02/07/2008) | | | | | |
| 63.7681 | Am I subject to this subpart? | | | | | Y |
| 63.7682 | What parts of this foundry does this subpart cover? | | | | | Y |
| 63.7683(a) | Existing source compliance deadline (April 23, 2007) | | | | | Y |
| 63.7690(a)(2) | Emissions Limitations for cupola at existing iron and steel foundry | PM 0.006 gr/dscf; or 0.10 lb PM/ton metal charged; or 0.0005 gr/dscf of total metal HAP; or 0.008 lb of total metal HAP/ton metal charged | 63.7740(b) C | Bag leak detector Once every six months | | Y |
| | | | 63.7740 (b) P/varies | | | Y |
| | | | 63.773 (a); 63.7743(a)(12) | Source Test P/Every 5 years | | Y |
| 63.7690(a)(8) | Emissions Limitations for cupola at existing iron and steel foundry | V-OHAP $\leq 20 \text{ ppmv } @ 10\% \text{ O}_2$ | 63.7740(a) C | Temperature monitor Once every six months | | Y |
| | | 63.773 (a); 63.7743(a)(12) | Source Test P/Every 5 years | Every 5 years | | Y |
| 63.7690(b)(1) | Install, operate, and maintain a capture and collection system for V-OHAP | | | | | Y |

Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-1 - Cupola abated by A-20, A-22 Afterburner and A-19 Baghouse

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y/N) |
|------------------------|--|--|---|------------------------------|-----------------------|------------------|
| 63.7690(b)(3) | Temperature limit for combustion device applied to emissions from a cupola | Afterburner combustion zone temperature $\geq 1300^{\circ}\text{F}$ (15-min average, not including 15 min transition from off-blast to on-blast) | 63.7740(a) | Temperature monitor C | Once every six months | Y |
| 63.7700 | What work practice standards must I meet? | | | | | Y |
| 63.7710(a) | Operate and maintain foundry consistent with good air pollution control practices | | | | | Y |
| 63.7710(b) | Operation and maintenance plan for each capture and collection system and control device | | | | | Y |
| 63.7710(b)(1) | Monthly inspections of abatement equipment | | | | | Y |
| 63.7710(b)(2) | Determination of operating limit parameters for each capture system for VOHAP | | | | | Y |
| 63.7710(b)(3) | Preventative maintenance plan for each control device | | | | | Y |
| 63.7710(b)(4) | Monitoring plan for each bag leak detection system | | | | | Y |
| 63.7710(b)(5) | Corrective action plan for each baghouse | | Initiate corrective action to determine the cause of the alarm within 1 hour of the alarm, initiate corrective action to correct the cause of the problem within 24 hours | 63.7745(a)(4) P/E | Once every six months | Y |
| 63.7720(a) | General compliance requirements, exemption startup, shutdown, malfunction | | | | | Y |
| 63.7720(c) | Develop a written startup, shutdown, and malfunction plan | | | | | Y |
| 63.7730(a) | Initial performance test within 180 days of April 23, 2007 | PM or total metal HAP: 63.7690(a)(2); and VOHAP: 63.7690(a)(8) | 40 CFR Part 63.7(a)(2) | Initial performance test P/E | Initial | Y |
| 63.7730(b) | Initial demonstration of compliance with work practice standards and operation and maintenance requirements within 30 days of April 22, 2005 | | | | | Y |

Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-1 – Cupola abated by A-20, A-22 Afterburner and A-19 Baghouse

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y/N) |
|------------------------|---|--|---------------------|--------------------------------------|-----------------------|------------------|
| 63.7731(a) | Subsequent performance tests for PM or total metal HAP, VOHAP | PM or total metal HAP: 63.7690(a)(2); and VOHAP: 63.7690(a)(8) | 63.7731(a) | Source Test P/Every 5 years | Every 5 years | Y |
| 63.7731(b) | Subsequent performance tests for fugitive emissions from building or structures | Opacity level ≤ 20% (6 minute average) 63.7690(a)(7) | 63.7731(b) | Visible Emissions (M9) P/6 months | Once every six months | Y |
| 63.7732 | Test Methods | | | | | Y |
| 63.7733 | Procedures for establishing operating limits | | | | | Y |
| 63.7734(a)(2) | Initial compliance demonstration for existing cupola | | | | | Y |
| 63.7735 | Initial compliance demonstration with work practice standards | | | | | Y |
| 63.7736 | Initial compliance demonstration with operation and maintenance requirements | | | | | Y |
| 63.7740(a) | Monitoring requirements – for 63.7690(b)(1) VOHAP limit, install, operate and maintain a CPMS | | | | | Y |
| 63.7740(b) | Monitoring requirements – for baghouse, use bag leak detection system | | | | | Y |
| 63.7740(c)(1) | Monitoring requirements – Baghouse inspection requirements | Normal operating range | 63.7740(c)(1) | Pressure drop monitoring P/D | Once every six months | Y |
| 63.7740(c)(2) | Monitoring requirements – Baghouse inspection requirements | Check dust removal from hoppers | 63.7740(c)(2) | Visual inspection P/W | Once every six months | Y |
| 63.7740(c)(3) | Monitoring requirements – Baghouse inspection requirements | Adequate compressed air supply for pulse-jet baghouses | 63.7740(c)(3) | Inspection P/D | Once every six months | Y |
| 63.7740(c)(4) | Monitoring requirements – Baghouse inspection requirements | Monitor cleaning cycles | 63.7740(c)(4) | Inspection P/A | Once every six months | Y |
| 63.7740(c)(5) | Monitoring requirements – Baghouse inspection requirements | Check bag cleaning mechanisms | 63.7740(c)(5) | Visual inspection P/M | Once every six months | Y |
| 63.7740(c)(7) | Monitoring requirements – Baghouse inspection requirements | Check physical integrity of baghouses interior | 63.7740(c)(7) | Visual inspection P/Q | Once every six months | Y |

Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-1 – Cupola abated by A-20, A-22 Afterburner and A-19 Baghouse

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y / N) |
|------------------------|---|---|------------------------|---|-----------------------|--------------------|
| 63.7740(c)(8) | Monitoring requirements – Baghouse inspection requirements | Inspect fans for wear, material buildup, corrosion | 63.7740(c)(8) | Visual inspection P/Q | Once every six months | Y |
| 63.7740(e) | Monitoring requirement - Combustion device | Monitor 15-minute average combustion zone temperature using a CPMS | 63.7740(e) | Temperature monitor C | Once every six months | Y |
| 63.7741(a)(2) | Install, operate, maintain each CPMS for each capture system – pressure measurement device | | 63.7741(a)(2) | Pressure drop monitor P/M | Once every six months | Y |
| 63.7741(a)(3) | Record results of each inspection, calibration, validation check | | 63.7741(a)(3) | Record keeping P/E | Once every six months | Y |
| 63.7741(b) (1-5) | Install, operate, maintain a bag leak detection system | | | | | Y |
| 63.7741(d) (1,4,6,7,8) | Install, operate, maintain each CPMS to measure and record the combustion zone temperature for each combustion device | | 63.7741(d)(1,4, 6,7,8) | Visual inspection P/M | Once every six months | Y |
| 63.7741(f) (1,2,3) | CPMS requirements | | | | | Y |
| 63.7742 | Monitoring and collection of data to demonstrate continuous compliance (excluding malfunctions, associated repairs, required quality assurance or control activities) | | | | | Y |
| 63.7743(a)(2) | Continuous compliance demonstration for existing cupola | Maintaining the average limits: PM 0.006 gr/dscf; or 0.10 lb PM/ton metal charged; or 0.0005 gr/dscf of total metal HAP, or 0.008 lb of total metal HAP/ton metal charged | 63.7740(b) | Bag leak detector C P/variety | Once every six months | Y |
| 63.7743(a)(7) | Continuous compliance demonstration for fugitive emissions from building or structures | Opacity level \leq 20% (6 minute average) 63.7690(a)(7) | 63.7743(a)(12) | Baghouse inspection Source Test P/Every 5 years Visible Emissions (M9) P/6 months | Y | Y |

Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-1 – Cupola abated by A-20, A-22 Afterburner and A-19 Baghouse

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y/N) |
|------------------------|---|--|---------------------|---|-----------------------|---|
| 63.7743(a)(8) | Continuous compliance demonstration for existing cupola. | Maintaining the average limits: VOHAP ≤ 20 ppmv @ 10% O ₂ | 63.7740(a) | Temperature monitor C | Once every six months | Y |
| 63.7743(a)(12) | Continuous compliance demonstration – subsequent performance tests for PM or total metal HAP, VOHAP | PM or total metal HAP: 63.7690(a)(2); and VOHAP: 63.7690(a)(8) | 63.7743(a)(12) | Source Test P/E Every 5 years | Every 5 years | Y |
| 63.7743(b) | Continuous compliance demonstration – capture system | 0.2 inches of water column vacuum (O&M Plan) | 63.7731(a) | Source Test P/E Every 5 years | Every 5 years | Y |
| 63.7743(c) | Continuous compliance demonstration - baghouse | | | Static pressure monitor for flow detection C | Once every six months | N – Refer to Title V Monitoring Deviation Report included in Section 2 of the Combined Semi-Annual Report |
| 63.7743(e) | Continuous compliance demonstration – combustion device | | | Inspections P/ varies | Once every six months | Y |
| 63.7745(a)(1) | Continuous compliance demonstration – operation and maintenance requirements | | | Temperature monitor C | Once every six months | Y |
| 63.7745(a)(2) | Continuous compliance demonstration – Preventative maintenance | | | Inspections, corrective action, record keeping P/M | Once every six months | Y |
| 63.7745(a)(3) | Continuous compliance demonstration – bag leak detection system | | | Record keeping P/E | Once every six months | Y |
| 63.7745(a)(4) | Continuous compliance demonstration – baghouse corrective action | | | Record keeping P/E | Once every six months | Y |
| 63.7745(b) | Maintain operation and maintenance plan onsite | | | | | Y |

Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-1 – Cupola abated by A-20, A-22 Afterburner and A-19 Baghouse

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y/N) |
|-------------------------------|--|---|---|---------------------------------|-----------------------|---|
| 63.7746(a) | Deviations | Report deviations from emissions limitations, work practice standards, and operation and maintenance requirements, including startup, shutdown, malfunction | 63.7746(a) | Record keeping P/E | Once every six months | Y |
| 63.7746(b) | Startup, shutdown, malfunction deviations are not violations | | | | | Y |
| 63.7750 | Notification requirements | | | | | Y |
| 63.7751 | Reporting requirements | | | | | Y |
| 63.7752 | Recordkeeping requirements | | | | | Y |
| 63.7753 | Recordkeeping requirements (5 years) | | | | | Y |
| 63.7760 | Table 1: Applicability of General Provisions (Subpart A) | | | | | Y |
| 63.7761 | Delegation | | | | | Y |
| 63.7765 | Definitions | | | | | Y |
| BAAQMD Condition #9351 | | | | | | |
| Part 1 | Minimum A-20, A-22 Afterburners combustion zone Temperature (basis: 40 CFR 63.7690 (b)(3)) | Afterburner combustion zone temperature $\geq 1300^{\circ}\text{F}$ (15-min average, not including 15 min transition from off-blast to on-blast) | 63.7740(a); BAAQMD Condition #9351, Part 2 | Temperature monitor C | Once every six months | Y |
| Part 2 | Continuous temperature monitor and recorder requirement (basis: cumulative increase, Regulation 1-521) | | | | | N – backup alarm system verified no violation of permit conditions as a result of the minor data loss |
| Part 3 | Record keeping requirement - temperature (basis: cumulative increase, BAAQMD Regulation 2-6-501) | | | | | Y |
| Part 4 | Coke sulfur content limit and procedure to raise limit (basis: BAAQMD Regulation 9-1-302, BAAQMD Regulation 2-6-501) | Coke sulfur content limit 1.0% by weight | BAAQMD Condition #9351, Part 4 | Fuel certification: S P/E | Once every six months | Y |

Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-1 – Cupola abated by A-20, A-22 Afterburner and A-19 Baghouse

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y/N) |
|------------------------|--|---|---------------------------------|------------------------|--------------------------------|------------------|
| Part 5 | Ratio of total metal to total coke charged into S-1 limit. | Total Metal (includes scrap iron, steel, returns, and pig iron) to Coke $\geq 10\%$ | BAAQMD Condition # 9351, Part 8 | Record Keeping P/D | Daily, Monthly, Annual Average | Y |
| Part 6 | Daily total metal throughput limit | Total Metal ≤ 513 tons/day | BAAQMD Condition # 9351, Part 8 | Record Keeping P/D | Daily, Monthly, Annual Average | Y |
| Part 7 | Gray iron throughput | Gray iron throughput $\leq 172,800$ ton/any consecutive 12-months | BAAQMD Condition #9351, Part 8 | Record keeping P/M | Once every six months | Y |
| Part 8 | Record keeping requirement - Gray iron throughput (basis: Regulation 2-1-403) | | | | | Y |
| Part 9 | Limit on firing rate of the A-20 Afterburner (basis: cumulative increase) | Firing rate of the A-20 Afterburner ≤ 8 MMBtu/hr | BAAQMD Condition #9351, Part 8 | Record keeping P/M | Once every six months | Y |
| Part 10 | Limit on firing rate of the A-22 Afterburner (basis: cumulative increase) | Firing rate of the A-22 Afterburner ≤ 8 MMBtu/hr | BAAQMD Condition #9351, Part 8 | Record keeping P/M | Once every six months | Y |
| Part 11 | Source test for PM, opacity, CO, VOC, SO ₂ , NO _x , lead every 5 years C.A.M Condition #29039 | | | | | Y |
| Part 14a | Definition of exceedance: OPACITY Ringelmann 1.0 < 3 min/hr(Basis: 40 CFR Part 64.6(c)(2)) | | | | | Y |
| Part 14b | Definitions of excursion: i) 10 milligrams PM/actual cubic meter for 15 min. or ii) Pressure drop less than 2 inches or greater than 10 inches water column (Basis: 40 CFR Part 64.6(c)(2)) Bag leak detector requirement (Basis: 40 CFR Part 64.6(c)(1); 40 CFR Part 64.6(c)(3)) | | | | | Y |
| Part 15 | Bag leak detector alarm requirement (Basis: 40 CFR Part 64.6(c)(1)) | | | | | Y |
| Part 16 | Bag leak detector alarm requirement (Basis: 40 CFR Part 64.6(c)(1)) | | | | | Y |

Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-1 – Cupola abated by A-20, A-22 Afterburner and A-19 Baghouse

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y/N) |
|------------------------|--|-------|---------------------|------------------------|-----------|------------------|
| Part 17 | Indicator rang: PM<10 milligrams/actual cubic meter (Basis: 40 CFR Part 64.3(a)(2)) | | | | | Y |
| Part 18 | Visual inspection and testing requirement for bag leak detection sensors (Basis: 40 CFR Part 64.3(b)(3) and (b)(2)) | | | | | Y |
| Part 19 | Pressure gauge installation requirement (Basis: 40 CFR Part 64.6(c)(1)) | | | | | Y |
| Part 20 | Indicator range for pressure gauges: 2 to 10 inches of water column (40 CFR Part 64.3(a)(2)) | | | | | Y |
| Part 21 | Pressure gauge reading - Daily (Basis: 40 CFR Part 64.6(c)(3); 40 CFR Part 64.3(b)(4)(iii)) | | | | | Y |
| Part 22 | Pressure gauge calibration – quarterly(Basis: 40 CFR Part 64.3(b)(3) and (b)(2)) | | | | | Y |
| Part 23 | Procedures for excursion (Basis: 40 CFR Parts 64.6(c)(3), 64.7(d)(2), 64.8) | | | | | Y |
| Part 24 | Method 9 observation requirement after 2 or more excursions at the same abatement device occur within 2 weeks (Basis: 40 CFR Part 64.6(c)(3); 40 CFR Part 64.3(b)(4)(iii)) | | | | | Y |
| Part 25a | Reporting requirement – excursions, exceedances (Basis: 40 CFR Part 64.6(c)(3) and 40 CFR Part 64.9(a)(2)) | | | | | Y |
| Part 25b | Reporting requirement – monitor downtime incidents(Basis: 40 CFR Part 64.6(c)(3) and 40 CFR Part 64.9(a)(2)) | | | | | Y |
| Part 26 | Inspection of baghouse and monitoring system (Basis: 40 CFR Part 64.6(c)(1)(iii)) | | | | | Y |
| Part 27 | Source test for PM and opacity – every 5 years (Basis: Regulation 2-1-403) | | | | | Y |
| Part 28 | Recordkeeping requirements (Basis: Regulation 2-6-501 Recordkeeping) | | | | | Y |

**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-2 Pouring, Cooling, Shakeout abated by A-14 Baghouse #2, A-18 Baghouse #4 and A-21 Baghouse #5**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y / N) |
|------------------------------------|---|-------------------------------------|--|-----------------------------------|-----------------------|---------------------------|
| BAAQMD Regulation 6, Rule 1 | Particulate Matter (12/05/07) | | | | | |
| 6-1-301 | Ringelmann 1.0 Limitation | OPACITY Ringelmann 1.0 < 3 min/hr | 40 CFR 63.7740(b); CAM Condition #25039, Part 15 (A-21) | Bag leak detector C | Once every six months | Y |
| | | | CAM Condition #25039 Part 21 (A-21) | Pressure drop monitoring P/D | Once every six months | Y |
| | | | CAM Condition #25039 Part 2 (A-14, A-18) | Visible Emissions (M22) P/W | Once every six months | Y |
| | | | CAM Condition #25039 Part 5 (A-14, A-18) | Pressure drop monitoring P/D | Once every six months | Y |
| | | | CAM Condition #25039 Part 11 (A-14, A-18) and Part 27 (A-21) | Source Test P/Every 5 years | Every 5 years | Y |
| 6-1-305 | Visible Particles | FILTERABLE PARTICULATE 0.15 gr/dscf | 40 CFR 63.7740(b); CAM Condition #25039, Part 15 (A-21) | Bag leak detector C | Once every six months | Y |
| | | | CAM Condition #25039 Part 21 (A-21) | Pressure drop monitoring P/D | Once every six months | Y |
| | | | CAM Condition #25039 Part 2 (A-14, A-18) | Visible Emissions (M22) P/W | Once every six months | Y |

**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-2 Pouring, Cooling, Shakeout abated by A-14 Baghouse #2, A-18 Baghouse #4 and A-21 Baghouse #5**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y/N) |
|-------------------------------|---|---|---|-----------------------------------|-----------------------|-------------------------|
| | | | CAM Condition #25039 Part 5 (A-14, A-18) | Pressure drop monitoring P/D | Once every six months | Y |
| | | | CAM Condition #25039, Part 11 (A-14, A-18) and Part 27 (A-21) | Source Test P/every 5 years | Every 5 years | Y |
| | | | 40 CFR 63.7740(b); CAM Condition #25039, Part 15 (A-21) | Bag leak detector C | Once every six months | Y |
| 6-1-311 | General Operations | 4.10P ^{0.67} lb/hr where P is process weight, ton/hr | CAM Condition #25039 Part 21 (A-21) | Pressure drop monitoring P/D | Once every six months | Y |
| | | | CAM Condition #25039 Part 2 (A-14, A-18) | Visible Emissions (M22) P/W | Once every six months | Y |
| | | | CAM Condition #25039 Part 5 (A-14, A-18) | Pressure drop monitoring P/D | Once every six months | Y |
| | | | CAM Condition #25039, Part 11 (A-14, A-18) and Part 27 (A-21) | Source Test P/every 5 years | Every 5 years | Y |
| 6-1-401 | Appearance of Emissions | Particulate Matter, Sampling, Sampling Facilities, Opacity Instruments and Appraisal of Visible Emissions | | | | Y |
| 6-1-601 | | | | | | Y |

**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-2 Pouring, Cooling, Shakeout abated by A-14 Baghouse #2, A-18 Baghouse #4 and A-21 Baghouse #5**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y / N) |
|-------------------------------|--|-------------------------------------|---|-----------------------------------|-----------------------|---------------------------|
| SIP Regulation 6 | Particulate Matter and Visible Emissions (09/04/98) | | | | | |
| 6-301 | Ringelmann 1.0 Limitation | OPACITY Ringelmann 1.0 < 3 min/hr | 40 CFR 63.7740(b); CAM Condition #25039, Part 15 (A-21) | Bag leak detector C | Once every six months | Y |
| | | | CAM Condition #25039, Part 21 (A-21) | Pressure drop monitoring P/D | Once every six months | Y |
| | | | CAM Condition #25039, Part 2, (A-14, A-18) | Visible Emissions (M22) P/W | Once every six months | Y |
| | | | CAM Condition #25039 Part 5 (A-14, A-18) | Pressure drop monitoring P/D | Once every six months | Y |
| | | | CAM Condition #25039, Part 11 (A-14, A-18) and Part 27 (A-21) | Source Test P/every 5 years | Once every six months | Y |
| 6-305 | Visible Particles | FILTERABLE PARTICULATE 0.15 gr/dscf | 40 CFR 63.7740(b); CAM Condition #25039, Part 15 (A-21) | Bag leak detector C | Once every six months | Y |
| 6-310 | Particulate Weight Limitation | | CAM Condition #25039, Part 21 (A-21) | Pressure drop monitoring P/D | Once every six months | Y |
| | | | CAM Condition #25039 Part 2 (A-14, A-18) | Visible Emissions (M22) P/W | Once every six months | Y |

**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-2 Pouring, Cooling, Shakeout abated by A-14 Baghouse #2, A-18 Baghouse #4 and A-21 Baghouse #5**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y/N) |
|------------------------|--|---|---|------------------------------|-----------------------|------------------|
| | | CAM Condition #25039 Part 5 (A-14, A-18) | Pressure drop monitoring P/D | Once every six months | Y | |
| | | CAM Condition #25039, Part 11 (A-14, A-18) and Part 27 (A-21) | Source Test P/every 5 years | Once every six months | Y | |
| 6-311 | General Operations | FILTERABLE PARTICULATE weight, ton/hr 4.10E0.67 lb/hr. where P is process | 40 CFR 63.7740(b); CAM Condition #25039, Part 15 (A-21) | Bag leak detector C | Once every six months | Y |
| | | | CAM Condition #25039 Part 21 (A-21) | Pressure drop monitoring P/D | Once every six months | Y |
| | | | CAM Condition #25039 Part 2 (A-14, A-18) | Visible Emissions (M22) P/W | Once every six months | Y |
| | | | CAM Condition #25039 Part 5 (A-14, A-18) | Pressure drop monitoring P/D | Once every six months | Y |
| | | | CAM Condition #25039, Part 11 (A-14, A-18) and Part 27 (A-21) | Source Test P/every 5 years | Once every six months | Y |
| 6-401 | Appearance of Emissions | Particulate Matter, Sampling, Sampling Facilities, Opacity Instruments and Appraisal of Visible Emissions | | | | Y |
| 6-601 | BAAQMD Regulation 8, Rule 2 | Organic Compounds, Miscellaneous Operations (7/20/2005) | | | | Y |

**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-2 Pouring, Cooling, Shakeout abated by A-14 Baghouse #2, A-18 Baghouse #4 and A-21 Baghouse #5**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y/N) |
|--|---|--|---|-----------------------------------|-----------------------|----------------------------|
| 8-2-301 | Miscellaneous Operations | VOC 15 lb/day and 300ppmd | BAAQMD Condition #23650, Part 7 | Source Test P/Every 5 years | Every 5 years | Y |
| 8-2-601 | Determination of Compliance | | | | | Y |
| NESHAP 40 CFR Part 63, Subpart EEEEEE | National Emission Standards for Hazardous Air Pollutants for Iron and Steel Foundries (02/07/2008) | | | | | |
| 63.7681 | Am I subject to this subpart? | | | | | Y |
| 63.7682 | What parts of my foundry does this subpart cover? | | | | | Y |
| 63.7683(a) | Existing source compliance deadline (April 23, 2007) | | | | | Y |
| 63.7683(b) | Existing source compliance deadline for work practice standards (April 22, 2005) | | | | | Y |
| 63.7683(f) | Notification and Schedule requirements (63.7750) | | | | | Y |
| 63.7690(a)(5) | Emissions Limitations for each pouring station at existing iron and steel foundry | PM 0.010 gr/dscf; or 0.0008 gr/dscf of total metal HAP | 63.7740(b) | Bag leak detector C | Once every six months | Y |
| | | | 63.7740(b) | Baghouse inspection P/varies | | Y |
| | | | 63.7731(a); 63.7743(a)(12) | Source Test P/Every 5 years | | Y |
| 63.7710(a) | Operate and maintain foundry consistent with good air pollution control practices | | | | | Y |
| 63.7710(b)(1) | Operation and maintenance plan for each capture and collection system and control device | | | | | Y |
| 63.7710(b)(3) | Monthly inspections of abatement equipment | | | | | Y |
| 63.7710(b)(4) | Preventative maintenance plan for each control device | | | | | Y |
| 63.7710(b)(4) | Monitoring plan for each bag leak detection system | | | | | Y |
| 63.7710(b)(5) | Corrective action plan for each baghouse | | Initiate corrective action to determine the cause of the alarm within 1 hour of the alarm, initiate corrective action to correct the cause of the problem within 24 hours | 63.7745(a)(4) P/E | Record keeping P/E | Once every six months Y |

**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-2 Pouring, Cooling, Shakeout abated by A-14 Baghouse #2, A-18 Baghouse #4 and A-21 Baghouse #5**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y / N) |
|-------------------------------|--|--|----------------------------|-----------------------------------|-----------------------|---------------------------|
| 63.7710(b)(6) | Procedures for providing an ignition source to mold vents of sand mold systems | | | | | Y |
| 63.7720(a) | General compliance requirements, exemption startup, shutdown, malfunction | | | | | Y |
| 63.7720(c) | Develop a written startup, shutdown, and malfunction plan | | | | | Y |
| 63.7730(a) | Initial performance test within 180 days of April 23, 2007 | PM or total metal HAP: 63.7690(a)(5) | 40 CFR Part 63.7(a)(2) | Initial performance test P/E | Initial | Y |
| 63.7730(b) | Initial demonstration of compliance with work practice standards and operation and maintenance requirements within 30 days of April 22, 2005 | | | | | Y |
| 63.7731(a) | Subsequent performance tests for PM | PM or total metal HAP: 63.7690(a)(5) | 63.7731(a) | Source Test P/Every 5 years | Every 5 years | Y |
| 63.7732 | Test Methods | | | | | Y |
| 63.7733 | Procedures for establishing operating limits | | | | | Y |
| 63.7734(a)(2) | Initial compliance demonstration for existing cupola | | | | | Y |
| 63.7735 | Initial compliance demonstration with work practice standards | | | | | Y |
| 63.7736 | Initial compliance demonstration with operation and maintenance requirements | | | | | Y |
| 63.7740(b) | Monitoring requirements –for baghouse, use bag leak detection system | | | | | Y |
| 63.7740(c)(1) | Monitoring requirements – Baghouse inspection requirements | Pressure drop normal operating range | 63.7740(c)(1) | Pressure drop monitoring P/D | Once every six months | Y |
| 63.7740(c)(2) | Monitoring requirements – Baghouse inspection requirements | Check dust removal from hoppers | 63.7740(c)(2) | Visual inspection P/W | Once every six months | Y |
| 63.7740(c)(3) | Monitoring requirements – Baghouse inspection requirements | Adequate compressed air supply for pulse-jet baghouses | 63.7740(c)(3) | Inspection P/D | Once every six months | Y |

**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-2 Pouring, Cooling, Shakeout abated by A-14 Baghouse #2, A-18 Baghouse #4 and A-21 Baghouse #5**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y/N) |
|-------------------------------|---|--|-------------------------------|-----------------------------------|-----------------------|-------------------------|
| 63.7740(c)(4) | Monitoring requirements – Baghouse inspection requirements | Monitor cleaning cycles | 63.7740(c)(4) | Inspection P/A | Once every six months | Y |
| 63.7740(c)(5) | Monitoring requirements – Baghouse inspection requirements | Check bag cleaning mechanisms | 63.7740(c)(5) | Visual inspection P/M | Once every six months | Y |
| 63.7740(c)(7) | Monitoring requirements – Baghouse inspection requirements | Check physical integrity of baghouses interior | 63.7740(c)(7) | Visual inspection P/Q | Once every six months | Y |
| 63.7740(c)(8) | Monitoring requirements – Baghouse inspection requirements | Inspect fans for wear, material buildup, corrosion | 63.7740(c)(8) | Visual inspection P/Q | Once every six months | Y |
| 63.7741(b)(1-5) | Install, operate, maintain a bag leak detection system | | | | | Y |
| 63.7741(f)(1,2,3) | CPMS requirements | | | | | Y |
| 63.7742 | Monitoring and collection of data to demonstrate continuous compliance (excluding malfunctions, associated repairs, required quality assurance or control activities) | Maintaining the average limits: PM 0.010 gr/dscf; or 0.0008 gr/dscf of total metal HAP | 63.7740(b) | Bag leak detector C | Once every six months | Y |
| 63.7743(a)(5) | Continuous compliance demonstration for existing pouring station | | 63.7740 (c) | Baghouse inspection P/varies | | Y |
| | | | 63.7731(a); 63.7743(a)(12) | Source Test P/Every 5 years | | Y |
| 63.7743(a)(12) | Continuous compliance demonstration - subsequent performance tests for PM | PM or total metal HAP: 63.7690(a)(5) | 63.7731(a) | Source Test P/Every 5 years | Every 5 years | Y |
| 63.7743(c) | Continuous compliance demonstration - baghouse | | | Inspections P/varies | Once every six months | Y |

**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-2 Pouring, Cooling, Shakeout abated by A-14 Baghouse #2, A-18 Baghouse #4 and A-21 Baghouse #5**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y/N) |
|--------------------------------|--|---|----------------------------|--|-----------------------|-------------------------|
| 63.7745(a)(1) | Continuous compliance demonstration – operation and maintenance requirements | | | Inspections, corrective action, record keeping P/M | Once every six months | Y |
| 63.7745 | Igniting gases from mold vents | 63.7710(b)(6) | P/E | Record keeping P/E | Once every six months | Y |
| 63.7745(a)(2) | Continuous compliance demonstration – Preventative maintenance | | | Record keeping P/E | Once every six months | Y |
| 63.7745(a)(3) | Continuous compliance demonstration – leak detection system | | | Record keeping P/E | Once every six months | Y |
| 63.7745(a)(4) | Continuous compliance demonstration – baghouse corrective action | | | Record keeping P/E | Once every six months | Y |
| 63.7745(b) | Maintain operation and maintenance plan onsite | | | | | Y |
| 63.7746(a) | Deviations | Report deviations from emissions limitations, work practice standards, and operation and maintenance requirements, including startup, shutdown, malfunction | 63.7746(a) | Record keeping P/E | Once every six months | Y |
| 63.7746(b) | Startup, shutdown, malfunction deviations are not violations | | | | | Y |
| 63.7750 | Notification requirements | | | | | Y |
| 63.7751 | Reporting requirements | | | | | Y |
| 63.7752 | Recordkeeping requirements | | | | | Y |
| 63.7753 | Recordkeeping requirements (5 years) | | | | | Y |
| 63.7760 | Table 1: Applicability of General Provisions (Subpart A) | | | | | Y |
| 63.7761 | Delegation | | | | | Y |
| 63.7765 | Definitions | | | | | Y |
| BAAQMD Condition #23650 | | | | | | |

**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-2 Pouring, Cooling, Shakeout abated by A-14 Baghouse #2, A-18 Baghouse #4 and A-21 Baghouse #5**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y / N) |
|---------------------------------|---|---|--------------------------------------|---|--------------------------|---------------------------|
| Part 1 | Abatement requirement with A-14 Baghouse #2, A-18 Baghouse #4 and A-21 Baghouse #5 (basis: Cumulative Increase) | | | | | Y |
| Part 4 | A-21 Baghouse #5 outlet grain loading limit (basis: cumulative increase) | FILTERABLE PARTICULATE 0.01 gr/dscf | CAM Condition #25039, Part 13 | Bag leak detector Once every six months | Y | |
| Part 6 | Recordkeeping requirement (basis: Regulation 2-1-403) | | | | | Y |
| Part 7 | Source test requirement for VOC every 5 years (basis: Regulation 2-1-403) | | | | | Y |
| Part 8 | Iron cast in sand molds facility limit (Basis: Cumulative Increase) | ≤ 36,000 tons/any consecutive 12- month period | BAAQMD Condition #2237, Part 6 | Record keeping P/M | Once every six months | Y |
| CAM Condition #25039 | | | | | | |
| For A-14 and A-18 | | | | | | |
| Part 1 | Definition of exceedance: OPACITY Ringelmann 1.0 < 3 min/hr (Basis: 40 CFR Part 64.6(c)(2)) | | | | | Y |
| Part 2 | Definitions of excursion: i) any visible emissions (M22); or iii) pressure drop less than 2 inches or greater than 10 inches water column (Basis: 40 CFR Part 64.6(c)(2)) | | | | | Y |
| Part 3 | Pressure gauge installation requirement (Basis: 40 CFR Part 64.6(c)(1)) | | | | | Y |
| Part 4 | Indicator range for pressure gauges: 2 to 10 inches of water column (40 CFR Part 64.3(a)(2)) | | | | | Y |
| Part 5 | Pressure gauge reading - Daily (Basis: 40 CFR Part 64.6(c)(3); 40 CFR Part 64.3(b)(4)(iii)) | | | | | Y |
| Part 6 | Pressure gauge calibration (Basis: 40 CFR Part 64.3(b)(3) and (b)(2)) | | | | | Y |
| Part 7 | Procedures for excursion (Basis: 40 CFR Parts 64.6(c)(3), 64.7(d)(2), 64.8) | | | | | Y |

**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-2 Pouring, Cooling, Shakeout abated by A-14 Baghouse #2, A-18 Baghouse #4 and A-21 Baghouse #5**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y/N) |
|-------------------------------|---|--------------|----------------------------|-----------------------------------|------------------|-------------------------|
| Part 8 | Method 9 observation requirement after 2 or more excursions at the same abatement device occur within 2 weeks (Basis: 40 CFR Part 64.6(c)(3); 40 CFR Part 64.3(b)(4)(iii)) | | | | | Y |
| Part 9a | Reporting requirement – excursions, exceedances (Basis: 40 CFR Part 64.6(c)(3) and 40 CFR Part 64.9(a)(2)) | | | | | Y |
| Part 9b | Reporting requirement – monitor downtime incidents (Basis: 40 CFR Part 64.6(c)(3) and 40 CFR Part 64.9(a)(2)) | | | | | Y |
| Part 10 | Inspection of baghouse (Basis: 40 CFR Part 64.6(c)(1)(iii)) | | | | | Y |
| Part 11 | Source test for compliance with SIP Regulation 6, sections 301, 310 and 311 – every 5 years (Basis: Regulation 2-1-403) | | | | | Y |
| Part 12 | Recordkeeping requirements (Basis: Regulation 2-6-501 Recordkeeping) | | | | | Y |
| Part 13 | Operation and Maintenance Plan (non-NESHAP) requirement (Basis: 40 CFR Part 64.6(c)(1)(iii)) | | | | | Y |
| For A-21 | | | | | | |
| Part 14a | Definition of exceedance: OPACITY Ringelmann 1.0 < 3 min/hr(Basis: 40 CFR Part 64.6(c)(2)) | | | | | Y |
| Part 14b | Definitions of excursion: i) 10 milligrams PM/actual cubic meter for 15 min; or ii) Pressure drop less than 2 inches or greater than 10 inches water column (Basis: 40 CFR Part 64.6(c)(2)) | | | | | Y |
| Part 15 | Bag leak detector requirement (Basis: 40 CFR Part 64.6(c)(1); 40 CFR Part 64.6(c)(3)) | | | | | Y |
| Part 16 | Bag leak detector alarm requirement (Basis: 40 CFR Part 64.6(c)(1)) | | | | | Y |

**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-2 Pouring, Cooling, Shakeout abated by A-14 Baghouse #2, A-18 Baghouse #4 and A-21 Baghouse #5**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y / N) |
|-------------------------------|--|--------------|----------------------------|-----------------------------------|------------------|---------------------------|
| Part 17 | Indicator range: PM<10 milligrams/actual cubic meter (Basis: 40 CFR Part 64.3(a)(2)) | | | | | Y |
| Part 18 | Visual inspection and testing requirement for bag leak detection sensors (Basis: 40 CFR Part 64.3(b)(3) and (b)(2)) | | | | | Y |
| Part 19 | Pressure gauge installation requirement (Basis: 40 CFR Part 64.6(c)(1)) | | | | | Y |
| Part 20 | Indicator range for pressure gauges: 2 to 10 inches of water column (40 CFR Part 64.3(a)(2)) | | | | | Y |
| Part 21 | Pressure gauge reading - Daily (Basis: 40 CFR Part 64.6(c)(3); 40 CFR Part 64.3(b)(4)(iii)) | | | | | Y |
| Part 22 | Pressure gauge calibration - quarterly(Basis: 40 CFR Part 64.3(b)(3) and (b)(2)) | | | | | Y |
| Part 23 | Procedures for excursion (Basis: 40 CFR Parts 64.6(c)(3), 64.7(d)(2), 64.8) | | | | | Y |
| Part 24 | Method 9 observation requirement after 2 or more excursions at the same abatement device occur within 2 weeks (Basis: 40 CFR Part 64.6(c)(3); 40 CFR Part 64.3(b)(4)(iii)) | | | | | Y |
| Part 25a | Reporting requirement – excursions exceedances (Basis: 40 CFR Part 64.6(c)(3) and 40 CFR Part 64.9(a)(2)) | | | | | Y |
| Part 25b | Reporting requirement – monitor downtime incidents(Basis: 40 CFR Part 64.6(c)(3) and 40 CFR Part 64.9(a)(2)) | | | | | Y |
| Part 26 | Inspection of baghouse and monitoring system (Basis: 40 CFR Part 64.6(c)(1)(iii)) | | | | | Y |
| Part 27 | Source test for PM and opacity – every 5 years (Basis: Regulation 2-1-403) | | | | | Y |
| Part 28 | Recordkeeping requirements (Basis: Regulation 2-6-501 Recordkeeping) | | | | | Y |

Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-3 –Sand Preparation abated by A-15 Baghouse #1

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y / N) |
|---|--|--|-----------------------------------|---------------------------------|-----------------------|--------------------|
| BAAQMD Regulation 6, Rule 1 (12/05/07) | Particulate Matter | | | | | |
| 6-1-301 | Ringelmann 1.0 Limitation | OPACITY Ringelmann 1.0 < 3 min/hr | CAM Condition #25039 Part 2 | Visible Emissions (M22) P/W | Once every six months | Y |
| | | | CAM Condition #25039 Part 5 | Pressure drop monitoring P/D | Once every six months | Y |
| 6-1-305 | Visible Particles | | CAM Condition #25039, Part 11 | Source Test P/Every 5 years | Every 5 years | Y |
| 6-1-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE 0.15 gr/dscf | CAM Condition #25039 Part 2 | Visible Emissions (M22) P/W | Once every six months | Y |
| | | | CAM Condition #25039 Part 5 | Pressure drop monitoring P/D | Once every six months | Y |
| 6-1-311 | General Operations | FILTERABLE PARTICULATE 4.10 ⁶ 7 lb/hr where P is process weight, ton/hr | CAM Condition #25039 Part 2 | Source Test P/every 5 years | Every 5 years | Y |
| 6-1-401 | Appearance of Emissions | | CAM Condition #25039 Part 5 | Visible Emissions (M22) P/W | Once every six months | Y |
| | | | CAM Condition #25039, Part 11 | Pressure drop monitoring P/D | Once every six months | Y |
| | | | | Source Test P/Every 5 years | Every 5 years | Y |
| | | | | | | Y |

Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-3 –Sand Preparation abated by A-15 Baghouse #1

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y/N) |
|-------------------------|---|---|-----------------------------|------------------------------|-----------------------|------------------|
| 6-1-601 | Particulate Matter, Sampling, Sampling Facilities, Opacity Instruments and Appraisal of Visible Emissions | | | | | Y |
| SIP Regulation 6 | Particulate Matter and Visible Emissions (09/04/98) | | | | | |
| 6-301 | Ringelmann 1.0 Limitation | OPACITY Ringelmann 1.0 < 3 min/hr | CAM Condition #25039 Part 2 | Visible Emissions (M22) P/W | Once every six months | Y |
| 6-305 | Visible Particles | | CAM Condition #25039 Part 5 | Pressure drop monitoring P/D | Once every six months | |
| 6-310 | Particulate Weight Limitation | FILTERABLE PARTICULATE 0.15 gr/dscf | CAM Condition #25039 Part 2 | Source Test P/Every 5 years | Every 5 years | Y |
| 6-311 | General Operations | FILTERABLE PARTICULATE 4.10P ^{0.67} lb/hr. where P is process weight, ton/hr | CAM Condition #25039 Part 5 | Visible Emissions (M22) P/W | Once every six months | Y |

Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-3 –Sand Preparation abated by A-15 Baghouse #1

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y / N) |
|-------------------------------|---|---|---------------------------------|--|-----------------------|--------------------|
| 6-401 | Appearance of Emissions | | CAM Condition #25039, Part 11 | Source Test P/Every 5 years | Every 5 years | Y |
| 6-601 | Particulate Matter, Sampling, Sampling Facilities, Opacity Instruments and Appraisal of Visible Emissions | | | | | Y |
| BAAQMD Condition #2237 | | | | | | |
| Part 2 | Abatement requirement with A-15 Baghouse # I (Basis: Cumulative Increase) | | | | | Y |
| Part 3 | A-15 Baghouse # I maintenance requirement (Basis: Cumulative Increase) | | | | | Y |
| Part 4 | A-15 Baghouse #1 outlet grain loading limit (Basis: Cumulative Increase) | FILTERABLE PARTICULATE 0.04 gr/dscf | BAAQMD Condition #2237, Part 6 | Record keeping of Preventative Maintenance P/W | Once every six months | Y |
| Part 5 | Monthly good iron casting production record keeping (Basis: Cumulative Increase, BAAQMD Regulation 2-6-501) | Sand throughput limit \leq 572,000 tons/any consecutive 12-month period | CAM Condition #25039, Part 11 | Source Test P/Every 5 years | Every 5 years | Y |
| Part 9 | Sand throughput limit (Basis: Cumulative Increase) | | BAAQMD Condition #2237, Part 10 | Record keeping P/M | Once every six months | Y |
| Part 10 | Record keeping requirements (Basis: Regulation 2-1-403) | | | | | Y |
| CAM Condition #25039 | | | | | | |
| Part 1 | Definition of exceedance: OPACITY Ringelmann 1.0 < 3 min/hr (Basis: 40 CFR Part 64.6(c)(2)) | | | | | Y |
| Part 2 | Definitions of excursion: i) any visible emissions (M22); or iii) Pressure drop less than 2 inches or greater | | | | | Y |

Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-3 –Sand Preparation abated by A-15 Baghouse #1

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y / N) |
|------------------------|--|-------|---------------------|------------------------|-----------|--------------------|
| | than 10 inches water column (Basis: 40 CFR Part 64.6(c)(2)) | | | | | |
| Part 3 | Pressure gauge installation requirement - (Basis: 40 CFR Part 64.6(c)(1)) | | | | Y | |
| Part 4 | Indicator range for pressure gauges: 2 to 10 inches of water column (40 CFR Part 64.3(a)(2)) | | | | Y | |
| Part 5 | Pressure gauge reading - Daily (Basis: 40 CFR Part 64.6(c)(3); 40 CFR Part 64.3(b)(4)(iii)) | | | | Y | |
| Part 6 | Pressure gauge calibration (Basis: 40 CFR Part 64.3(b)(3) and (b)(2)) | | | | Y | |
| Part 7 | Procedures for excursion (Basis: 40 CFR Parts 64.6(c)(3), 64.7(d)(2), 64.8) | | | | Y | |
| Part 8 | Method 9 observation requirement after 2 or more excursions at the same abatement device occur within 2 weeks (Basis: 40 CFR Part 64.6(c)(3); 40 CFR Part 64.3(b)(4)(iii)) | | | | Y | |
| Part 9a | Reporting requirement – excursions, exceedances (Basis: 40 CFR Part 64.6(c)(3) and 40 CFR Part 64.9(a)(2)) | | | | Y | |
| Part 9b | Reporting requirement – monitor downtime incidents (Basis: 40 CFR Part 64.6(c)(3) and 40 CFR Part 64.9(a)(2)) | | | | Y | |
| Part 10 | Inspection of baghouse (Basis: 40 CFR Part 64.6(c)(1)(iii)) | | | | Y | |
| Part 11 | Source test for compliance with SIP Regulation 6, sections 301, 310 and 311 – every 5 years (Basis: Regulation 2-1-403) | | | | Y | |
| Part 12 | Recordkeeping requirements (Basis: Regulation 2-6-501 Recordkeeping) | | | | Y | |
| Part 13 | Operation and Maintenance Plan (non-NESHAP) requirement – includes monitoring, inspection, maintenance, corrective action plan, recordkeeping (Basis: 40 CFR Part 64.6(c)(1)(iii)) | | | | Y | |

Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-4 – Wheelabrator Shot Blast (No. 1) abated by A-17 Baghouse #3 S-5 Pangborn Shot Blast (No. 2) abated by A-17 Baghouse #3
S-27 Wheelabrator Shot Blast (No. 3) abated by A-17 Baghouse #3 S-30 Inline Shot Blast abated by A-17 Baghouse #3

| Applicable Requirement | Regulation Title or Description of Particulate Matter Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y/N) |
|-----------------------------|---|------------------------------------|--|------------------------------|-----------------------|------------------|
| BAAQMD Regulation 6, Rule 1 | Particulate Matter (12/05/07) | | | | | |
| 6-1-301 | Ringelmann 1.0 Limitation | OPACITY Ringelmann 1.0 < 3 min/hr | CAM Condition #25039 Part 2 | Visible Emissions (M22) P/W | Once every six months | Y |
| | | | CAM Condition #25039 Part 5 | Pressure drop monitoring P/D | Once every six months | Y |
| | | | CAM Condition #25039, Part 11 | Source Test P/Every 5 years | Every 5 years | Y |
| 6-1-305 | Visible Particles | FILTERABLE PARTICULATE 0.15 g/dscf | CAM Condition #25039 Part 2 | Visible Emissions (M22) P/W | Once every six months | Y |
| 6-1-310 | Particulate Weight Limitation | | CAM Condition #25039 Part 5 | Pressure drop monitoring P/D | Once every six months | Y |
| | | | CAM Condition #25039, Part 11 | Source Test P/Every 5 years | Every 5 years | Y |
| | | | FILTERABLE PARTICULATE 4.10P ^{0.67} lb/hr where P is process weight, ton/hr | Visible Emissions (M22) P/W | Once every six months | Y |
| 6-1-311 | General Operations | | CAM Condition #25039 Part 5 | Pressure drop monitoring P/D | Once every six months | Y |
| | | | CAM Condition #25039, Part 11 | Source Test P/Every 5 years | Every 5 years | Y |

Source-Specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-4 – Wheelabrator Shot Blast (No.1) abated by A-17 Baghouse #3 S-5 Pangborn Shot Blast (No. 2) abated by A-17 Baghouse #3
S-27 Wheelabrator Shot Blast (No. 3) abated by A-17 Baghouse #3 S-30 Inline Shot Blast abated by A-17 Baghouse #3

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y / N) |
|-------------------------|---|---|-------------------------------|------------------------------|-----------------------|--------------------|
| 6-1-401 | Appearance of Emissions | | | | | Y |
| 6-1-601 | Particulate Matter, Sampling, Sampling Facilities, Opacity Instruments and Appraisal of Visible Emissions | | | | | Y |
| SIP Regulation 6 | Particulate Matter and Visible Emissions (09/04/98) | | | | | |
| 6-301 | Ringelmann 1.0 Limitation | OPACITY Ringelmann 1.0 < 3 min/hr | CAM Condition #25039 Part 2 | Visible Emissions (M22) P/W | Once every six months | Y |
| | | | CAM Condition #25039 Part 5 | Pressure drop monitoring P/D | Once every six months | Y |
| | | | CAM Condition #25039, Part 11 | Source Test P/Every 5 years | Every 5 years | Y |
| 6-305 | Visible Particles | FILTERABLE PARTICULATE 0.15 gr/dscf | CAM Condition #25039 Part 2 | Visible Emissions (M22) P/W | Once every six months | Y |
| 6-310 | Particulate Weight Limitation | | CAM Condition #25039 Part 5 | Pressure drop monitoring P/D | Once every six months | Y |
| | | | CAM Condition #25039, Part 11 | Source Test P/Every 5 years | Every 5 years | Y |
| 6-311 | General Operations | FILTERABLE PARTICULATE 4.10P0.67 lb/hr. where P is process weight, ton/hr | CAM Condition #25039 Part 2 | Visible Emissions (M22) P/W | Once every six months | Y |
| | | | CAM Condition #25039 Part 5 | Pressure drop monitoring P/D | Once every six months | Y |
| | | | CAM | Source Test | Every 5 years | Y |

Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-4 – Wheelabrator Shot Blast (No. 1) abated by A-17 Baghouse #3 S-5 Pangborn Shot Blast (No. 2) abated by A-17 Baghouse #3
S-27 Wheelabrator Shot Blast (No. 3) abated by A-17 Baghouse #3 S-30 Inline Shot Blast abated by A-17 Baghouse #3

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation Condition | Monitoring & Frequency | Reporting | Compliance (Y/N) |
|-------------------------|---|--|---------------------------------|------------------------|-----------------------|------------------|
| 6-401 | Appearance of Emissions | | #25039, Part 11 | P/Every 5 years | | Y |
| 6-601 | Particulate Matter, Sampling, Sampling Facilities, Opacity Instruments and Appraisal of Visible Emissions | | | | | Y |
| BAAQMD Condition #10139 | | | | | | |
| Part 1 | S-27 Wheelabrator Shot Blast (No. 3) shot throughput limit (Basis: Cumulative Increase) Abatement requirement with A-17 Baghouse #3 (Basis: Cumulative Increase) | ≤ 36 tons/any consecutive 12-month period | BAAQMD Condition #10139, Part 5 | Record keeping P/M | Once every six months | Y |
| Part 2 | | | | | | Y |
| Part 5 | S-27 throughput record keeping (Basis: Cumulative Increase, BAAQMD Regulation 2-6-501) | | | | | Y |
| Part 6 | S-4 – Wheelabrator Shot Blast (No. 1) shot throughput limit (Basis: Regulation 2-1-403) | ≤ 4,600 tons/any consecutive 12-month period | BAAQMD Condition #10139, Part 8 | Record keeping P/M | Once every six months | Y |
| Part 7 | S-5 Pangborn Shot Blast (No. 2) shot throughput limit (Basis: Regulation 2-1-403) | ≤ 2,800 tons/any consecutive 12-month period | BAAQMD Condition #10139, Part 8 | Record keeping P/M | Once every six months | Y |
| Part 8 | Record keeping requirements (Basis: Regulation 2-1-403) | | | | | Y |
| BAAQMD Condition #13298 | | | | | | |
| Part 1 | S-30 Blast Cleaning Machine blast media throughput limit (Basis: Cumulative Increase) Abatement requirement with A-17 Baghouse #3 (Basis: Cumulative Increase) | ≤ 105 tons/any consecutive 12-month period | BAAQMD Condition #13298 Part 3 | Record keeping P/M | Once every six months | Y |
| Part 2 | | | | | | Y |
| Part 3 | Record keeping requirements | | | | | Y |

Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
**S-4 – Wheelabrator Shot Blast (No. 1) abated by A-17 Baghouse #3 S-5 Pangborn Shot Blast (No. 2) abated by A-17 Baghouse #3
S-27 Wheelabrator Shot Blast (No. 3) abated by A-17 Baghouse #3 S-30 Inline Shot Blast abated by A-17 Baghouse #3**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y/N) |
|------------------------|--|-------|---------------------|------------------------|-----------|------------------|
| CAM Condition #25039 | (Basis: Regulation 2-1-403) | | | | | |
| Part 1 | Definition of exceedance: OPACITY Ringelmann 1.0 < 3 min/hr (Basis: 40 CFR Part 64.6(c)(2)) | | | | | Y |
| Part 2 | Definitions of excursion: i) any visible emissions (M22); or ii) Pressure drop less than 2 inches or greater than 10 inches water column (Basis: 40 CFR Part 64.6(c)(2)) | | | | | Y |
| Part 3 | Pressure gauge installation requirement (Basis: 40 CFR Part 64.6(c)(1)) | | | | | Y |
| Part 4 | Indicator range for pressure gauges: 2 to 10 inches of water column (40 CFR Part 64.3(a)(2)) | | | | | Y |
| Part 5 | Pressure gauge reading - Daily (Basis: 40 CFR Part 64.6(c)(3); 40 CFR Part 64.3(b)(4)(iii)) | | | | | Y |
| Part 6 | Pressure gauge calibration (Basis: 40 CFR Part 64.3(b)(3) and (b)(2)) | | | | | Y |
| Part 7 | Procedures for excursion (Basis: 40 CFR Parts 64.6(c)(3), 64.7(d)(2), 64.8) | | | | | Y |
| Part 8 | Method 9 observation requirement after 2 or more excursions at the same abatement device occur within 2 weeks (Basis: 40 CFR Part 64.6(c)(3); 40 CFR Part 64.3(b)(4)(iii)) | | | | | Y |
| Part 9a | Reporting requirement – excursions, | | | | | Y |

Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-4 – Wheelabrator Shot Blast (No. 1) abated by A-17 Baghouse #3 S-5 Pangborn Shot Blast (No. 2) abated by A-17 Baghouse #3
S-27 Wheelabrator Shot Blast (No. 3) abated by A-17 Baghouse #3 S-30 Inline Shot Blast abated by A-17 Baghouse #3

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y/N) |
|------------------------|--|-------|---------------------|------------------------|-----------|------------------|
| | exceedances (Basis: 40 CFR Part 64.6(c)(3) and 40 CFR Part 64.9(a)(2)) | | | | | |
| Part 9b | Reporting requirement – monitor downtime incidents (Basis: 40 CFR Part 64.6(c)(3) and 40 CFR Part 64.9(a)(2)) | | | | | Y |
| Part 10 | Inspection of baghouse (Basis: 40 CFR Part 64.6(c)(1)(iii)) | | | | | Y |
| Part 11 | Source test for compliance with SIP Regulation 6, sections 301, 310 and 311 – every 5 years (Basis: Regulation 2-1-403) | | | | | Y |
| Part 12 | Recordkeeping requirements (Basis: Regulation 2-6-501 Recordkeeping) | | | | | Y |
| Part 13 | Operation and Maintenance Plan (non-NESHAP) requirement – includes monitoring, inspection, maintenance, corrective action plan, recordkeeping (Basis: 40 CFR Part 64.6(c)(1)(iii)) | | | | | Y |

Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-25 Holding Furnace abated by A-25 Fume Baghouse

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y/N) |
|------------------------------------|--|---|--|--|-----------------------|------------------|
| BAAQMD Regulation 6, Rule 1 | Particulate Matter (12/05/07) Rule 1 | | | | | |
| 6-1-301 | Ringelmann 1.0 Limitation | OPACITY Ringelmann 1.0 < 3 min/hr | BAAQMD Condition #9668, Part 3 | Bag leak detector C | Once every six months | Y |
| | | | BAAQMD Condition #9668, Part 8 | Source Test P/Every 5 years | Every 5 years | Y |
| | | | BAAQMD Condition #9668, Part 5 | Record keeping of preventative maintenance P/W | Once every six months | Y |
| 6-1-305 | Visible Particles | FILTERABLE PARTICULATE 0.15 gr/dscf | BAAQMD Condition #9668, Part 3 | Bag leak detector C | Once every six months | Y |
| 6-1-310 | Particulate Weight Limitation | BAAQMD Condition #9668, Part 8 | Source Test P/Every 5 years | Every 5 years | Y | |
| | | BAAQMD Condition #9668, Part 5 | Record keeping of preventative maintenance P/W | Once every six months | Y | |
| | | FILTERABLE PARTICULATE weight, ton/hr | BAAQMD Condition #9668, Part 3 | Bag leak detector C | Once every six months | Y |
| 6-1-311 | General Operations | 4.10P ^{0.67} lb/hr where P is process weight, ton/hr | BAAQMD Condition #9668, Part 8 | Source Test P/Every 5 years | Every 5 years | Y |
| | | BAAQMD Condition #9668, Part 5 | Record keeping of preventative maintenance P/W | Once every six months | Y | |
| 6-1-401 | Appearance of Emissions | | | | | Y |

Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-25 Holding Furnace abated by A-25 Fume Baghouse

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y/N) |
|-------------------------|---|---|--------------------------------|--|-----------------------|------------------|
| 6-1-601 | Particulate Matter, Sampling, Sampling Facilities, Opacity Instruments and Appraisal of Visible Emissions | | | | | Y |
| SIP Regulation 6 | Particulate Matter and Visible Emissions (09/04/98) | | | | | |
| 6-301 | Ringelmann 1.0 Limitation | OPACITY Ringelmann 1.0 < 3 min/hr | BAAQMD Condition #9668, Part 3 | Bag leak detector C | Once every six months | Y |
| | | | BAAQMD Condition #9668, Part 8 | Source Test P/Every 5 years | Every 5 years | Y |
| | | | BAAQMD Condition #9668, Part 5 | Record keeping of preventative maintenance P/W | Once every six months | Y |
| 6-305 | Visible Particles | FILTERABLE PARTICULATE 0.15 gr/dscf | BAAQMD Condition #9668, Part 3 | Bag leak detector C | Once every six months | Y |
| 6-310 | Particulate Weight Limitation | | BAAQMD Condition #9668, Part 8 | Source Test P/Every 5 years | Every 5 years | Y |
| | | | BAAQMD Condition #9668, Part 5 | Record keeping of preventative maintenance P/W | Once every six months | Y |
| | | | BAAQMD Condition #9668, Part 3 | Bag leak detector C | Once every six months | Y |
| 6-311 | General Operations | FILTERABLE PARTICULATE 4.10P0.67 lb/hr. where P is process weight, ton/hr | BAAQMD Condition #9668, Part 8 | Source Test P/Every 5 years | Every 5 years | Y |
| | | | BAAQMD Condition #9668, Part 5 | Record keeping of preventative maintenance | Once every six months | Y |

**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-25 Holding Furnace abated by A-25 Fume Baghouse**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y/N) |
|-------------------------------|---|---|---------------------|--------------------------------|---|-----------------------|
| 6-401 | Appearance of Emissions | | | P/W | | Y |
| 6-601 | Particulate Matter, Sampling, Sampling Facilities, Opacity Instruments and Appraisal of Visible Emissions | | | | | Y |
| BAAQMD Condition #9668 | | | | | | |
| Part 1 | Abatement requirement (basis: cumulative increase) | | | | | Y |
| Part 2 | Baghouse maintenance requirement (basis: cumulative increase,) | | | BAAQMD Condition #9668, Part 5 | Preventative maintenance record keeping P/W | Once every six months |
| Part 3 | Broken bag leak detector requirement (basis: cumulative increase) | | | BAAQMD Condition #9668, Part 3 | Bag leak detector C | Y |
| Part 4 | A-25 outlet grain loading limit (basis: cumulative increase) | PM10 0.002 grdsfc | | | | Y |
| Part 5 | Weekly records of preventive maintenance inspections of A-25 Fume Baghouse (basis:BAAQMD Regulation 6-1-301, BAAQMD Regulation 2-6-501) | | | | | Y |
| Part 6 | Gray iron throughput limit (basis: Regulation 2-1-403) | ≤ 172,000 ton/any consecutive 12-month period | | BAAQMD Condition #9668, Part 7 | Record keeping P/M | Once every six months |
| Part 7 | Gray iron throughput record keeping requirement | | | | | Y |
| Part 8 | Source testing requirement for PM and opacity | | | | | Y |

**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-28 Storage Silo (Baghouse Dust) abated by A-19 Cupola Baghouse**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y / N) |
|------------------------------------|---|-------------------------------------|---|-----------------------------------|-----------------------|---------------------------|
| BAAQMD Regulation 6, Rule 1 | Particulate Matter (12/05/07) | | | | | |
| 6-1-301 | Ringelmann 1.0 Limitation | OPACITY Ringelmann 1.0 < 3 min/hr | 63.7740(b); CAM Condition #25039, Part 15 | Bag leak detector C | Once every six months | Y |
| | | | CAM Condition #25039, Part 21 | Pressure drop monitoring P/D | Once every six months | Y |
| | | | BAAQMD Condition #9351, Part 11; CAM Condition #25039, Part 21 | Source Test P/Every 5 years | Every 5 years | Y |
| 6-1-305 | Visible Particles | FILTERABLE PARTICULATE 0.15 gr/dscf | 63.7740(b); CAM Condition #25039, Part 15 | Bag leak detector C | Once every six months | Y |
| | | | CAM Condition #25039, Part 21 | Pressure drop monitoring P/D | Once every six months | Y |
| 6-1-310 | Particulate Weight Limitation | | BAAQMD Condition #9351, Part 11; CAM Condition #25039, Part 27 | Source Test P/Every 5 years | Every 5 years | Y |
| | | | FILTERABLE PARTICULATE 4.10P0.67 lb/hr. where P is process weight, ton/hr | Bag leak detector C | Once every six months | Y |
| 6-1-311 | General Operations | | CAM Condition #25039, Part 21 | Pressure drop monitoring P/D | Once every six months | Y |

**Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-28 Storage Silo (Baghouse Dust) abated by A-19 Cupola Baghouse**

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y/N) |
|-------------------------------|---|-------------------------------------|--|-----------------------------------|-----------------------|-------------------------|
| | | | BAAQMD Condition #9351, Part 11; CAM Condition #25039, Part 27 | Source Test P/Every 5 years | Every 5 years | Y |
| 6-1-401 | Appearance of Emissions | | | | | Y |
| 6-1-601 | Particulate Matter, Sampling, Sampling Facilities, Opacity Instruments and Appraisal of Visible Emissions | | | | | Y |
| SIP Regulation 6 | Particulate Matter and Visible Emissions (09/04/98) | | | | | |
| 6-301 | Ringelmann 1.0 Limitation | OPACITY Ringelmann 1.0 < 3 min/hr | 63.7740(b); CAM Condition #25039, Part 15 | Bag leak detector C | Once every six months | Y |
| | | | CAM Condition #25039, Part 21 | Pressure drop monitoring P/D | Once every six months | Y |
| | | | BAAQMD Condition #9351, Part 11; CAM Condition #25039, Part 27 | Source Test P/Every 5 years | Every 5 years | Y |
| 6-305 | Visible Particles | FILTERABLE PARTICULATE 0.15 gr/dscf | 63.7740(b); CAM Condition #25039, Part 15 | Bag leak detector C | Once every six months | Y |
| 6-310 | Particulate Weight Limitation | | CAM Condition #25039, Part 21 | Pressure drop monitoring P/D | Once every six months | Y |
| | | | BAAQMD Condition #9351, Part 11; | Source Test P/Every 5 years | Every 5 years | Y |

Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-28 Storage Silo (Baghouse Dust) abated by A-19 Cupola Baghouse

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y/N) |
|--------------------------------|---|--|---|---------------------------------|-----------------------|------------------|
| | | CAM Condition #25039, Part 27 | | | | |
| 6-311 | General Operations | FILTERABLE PARTICULATE 4.10P0.67 lb/hr. where P is process weight, ton/hr | 63.7740(b); CAM Condition #25039, Part 15 | Bag leak detector C | Once every six months | Y |
| | | | CAM Condition #25039, Part 21 | Pressure drop monitoring P/D | Once every six months | Y |
| | | | BAAQMD Condition #9351, Part 11; CAM Condition #25039, Part 27 | Source Test P/Every 5 years | Every 5 years | Y |
| 6-401 | Appearance of Emissions | | | | | |
| 6-601 | Particulate Matter, Sampling, Sampling Facilities, Opacity Instruments and Appraisal of Visible Emissions | | | | | Y |
| BAAQMD Condition #10762 | | | | | | |
| Part 1 | Abatement requirement with A-19 (Basis: Cumulative Increase) | Throughput 1500 ton/ any consecutive 12-month period | BAAQMD Condition #10762, Part 7 | Record keeping P/M | Once every six months | Y |
| Part 6 | Throughput limit (basis: Regulation 2-1-403) | | | | | Y |
| Part 7 | Record keeping requirements (Basis: Regulation 2-1-403) | | | | | Y |

Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-31 Emergency Standby Diesel Generator

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y / N) |
|------------------------------------|---|--|---------------------|------------------------|-----------|--------------------|
| BAAQMD Regulation 6, Rule 1 | Particulate Matter (12/05/07) | OPACITY Ringelmann 2.0 for < 3 min/hr | | N | | Y |
| 6-1-303.1 | Ringelmann Number 2 Limitation Visible Particles | | | | | |
| 6-1-305 | Particulate Weight Limitation | FILTERABLE PARTICULATE 0.15 gr/dscf | | N | | Y |
| 6-1-310 | Appearance of Emissions | | | | | Y |
| 6-1-401 | | | | | | Y |
| SIP Regulation 6 | Particulate Matter and Visible Emissions (09/04/98) | OPACITY Ringelmann 2.0 for < 3 min/hr | | N | | Y |
| 6-303.1 | Ringelmann Number 2 Limitation Visible Particles | | | | | |
| 6-305 | Particulate Weight Limitation | FILTERABLE PARTICULATE 0.15 gr/dscf | | N | | Y |
| 6-310 | Appearance of Emissions | | | | | Y |
| 6-401 | | | | | | Y |
| BAAQMD Regulation 9, Rule 1 | Inorganic Gaseous Pollutants: Sulfur Dioxide (3/15/1995) | SO ₂ Ground Level Concentration | | N | | Y |
| 9-1-301 | | | | | | |
| 9-1-304 | Fuel Burning (Liquid and Solid Fuels) | Sulfur content of liquid fuel ≤ 0.5% by weight | | N | | Y |
| 9-1-602 | Sulfur Content of Fuels | | | | | Y |
| AQMD Regulation 9, Rule 8 | Inorganic Gaseous Pollutants: NOx and CO from Stationary Internal Combustion Engines (7/25/2007) | | | | | |
| 9-8-110.5 | Exemption Emergency Standby engines | | | | | Y |
| 9-8-330 | Emergency Standby Engines, Hours of Operation | | | | | Y |

Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-31 Emergency Standby Diesel Generator

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y / N) |
|-------------------------------------|--|---|----------------------------------|------------------------|-----------------------|--------------------|
| 9-8-330.1 | Emergency Standby Engines, Hours of Operation | Unlimited hours for emergency use | | | | Y |
| 9-8-330.2 | Emergency Standby Engines, Hours of Operation (until 1/01/2012) | Reliability-related activities limited to 100 hours per calendar year | BAAQMD Condition #19947, part 1 | Log/Record Keeping P/M | Once every six months | Y |
| 9-8-330.3 | Emergency Standby Engines, Hours of Operation (effective 1/01/2012) | Reliability-related activities limited to 50 hours per calendar year | BAAQMD Condition # 19947, part 1 | Log/Record Keeping P/M | Once every six months | Y |
| 9-8-530 | Emergency Standby Engines, Monitoring and Recordkeeping | | | | | Y |
| SIP Regulation 9, Rule 8 | Inorganic Gaseous Pollutants: NOx and CO from Stationary Internal Combustion Engines (12/15/1997) | | | | | |
| 9-8-101 | Exclusion: Emergency Standby Engines | | | | | Y |
| 40 CFR Part 63, Subpart ZZZZ | National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (3/09/11) | | | | | |
| 63.6580 | What is the purpose of subpart ZZZZ? | | | | | Y |
| 63.6585(a), (b) | Am I subject to this subpart? – stationary RICE located at a major source of HAPs | | | | | Y |
| 63.6590(a)(1) (i) | What parts of my plant does this subpart cover? – existing stationary RICE > 500hp at a major source of HAPs and commenced construction prior to December 19, 2002 (initial operation 2/15/2001) | | | | | Y |
| 63.6590(b)(3) (iii) | Stationary RICE subject to limited requirements –existing emergency stationary RICE > 500hp located at a major source of HAP emissions. | | | | | Y |

Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-31 Emergency Standby Diesel Generator

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y/N) |
|------------------------|---|-------|---------------------|------------------------|-----------|------------------|
| | Exemption from requirements of this subpart and of subpart A of this part | | | | | |
| 63.6600(c) | Emission limitations – stationary RICE > 500hp located at a major source of HAPs Exemption from emission limitations in Tables 1a, 2a, 2c, 2d, and operating limitations in Tables 1b, 2b– emergency stationary RICE > 500hp located at a major source of HAPs | | | | | Y |
| 63.6625 | What are my monitoring, installation, collection, operation, and maintenance requirements? None for existing emergency stationary RICE > 500hp located at a major source of HAP emissions | | | | | Y |
| 63.6640(c) | Continuous compliance demonstration Exemption – emergency stationary RICE > 500hp located at a major source of HAPs | | | | | Y |
| 63.6640(d)(2) | Requirements for emergency stationary RICE > 500hp located at a major source of HAPs installed before June 12, 2006 | | | | | Y |
| 63.6640(d)(2)(i) | No limit on emergency use | | | | | Y |
| 63.6640(d)(2)(ii) | Maintenance and readiness testing operation recommended by manufacturer/vendor/insurance company – minimize, but no limit | | | | | Y |
| 63.6640(d)(2)(iii) | Additional 50 hours operation for non-emergency situations (not for peak shaving or to generate income) | | | | | Y |
| 63.6645(a)(5) | What notifications must I submit and when? | | | | | Y |

Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-31 Emergency Standby Diesel Generator

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y / N) |
|---------------------------------|---|-----------------|----------------------------------|------------------------|------------------|--------------------|
| | Exemption for existing stationary emergency RICE | | | | | |
| 63.6655(c)(2) | What records must I keep? – maintenance records demonstrating operation and maintenance according to your maintenance plan | | | | Y | |
| | In what form and how long must I keep my records? | | | | Y | |
| 63.6660 | 63.10(b)(1) format; 5 years | | | | Y | |
| 63.6665 | What General Provisions apply to me? Exemption – emergency stationary RICE > 500hp located at a major source of HAPs except initial notification | | | | Y | |
| 63.6670 | Who implements and enforces this subpart? | | | | Y | |
| 63.6675 | What definitions apply to this subpart? | | | | Y | |
| BAAQMD Condition # 19947 | | | | | | |
| Part 1 | 10.6 hours of reliability related testing and unlimited hours of emergency standby power [Basis: Regulation 2, Rule 5; "Stationary Diesel Engine ATCM" CA Code of Regulations, Title 17, section 93115.6(b)(3)(A)(1)(a)] | 10.6 hours/year | BAAQMD Condition # 19947, Part 4 | Log/Record keeping P/M | Every six months | Y |
| Part 2 | Operating conditions Basis: [BAAQMD Regulation 9-8-330, "Stationary Diesel Engine ATCM" CA Code of Regulations, Title 17, section 93115.6(b)(3)(A)(1)(a)] | | | | | Y |

Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-31 Emergency Standby Diesel Generator

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y / N) |
|------------------------|---|-------|---------------------|------------------------|-----------|--------------------|
| Part 3 | Installation of a non-resettable totalizing hour meter [Basis: BAAQMD Regulation 9-8-530, "Stationary Diesel Engine ATCM" CA Code of Regulations, Title 17, section 93115.10(e)(1)] | | | | | Y |
| Part 4 | Record keeping requirements [Basis: BAAQMD Regulation 9-8-530, 2-6- 501, "Stationary Diesel Engine ATCM" CA Code of Regulations, Title 17, section 93115.10(g)] | | | | | Y |

Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-32 Flow Jet Pipe Labeler

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y / N) |
|--|--|--|---------------------------------|------------------------|-----------------------|--------------------|
| BAAQMD Regulation 8, Rule 4 | General Solvent and Surface Coating Operations (10/16/02) | | | | | |
| 8-4-302.3 | Solvents and Surface Coating Requirements | VOC content of coatings ≤ 3.5 lb/gallon of coating as applied | BAAQMD Condition #21322, Part 4 | Record keeping P/M | Once every six months | Y |
| 8-4-312 | Solvent Evaporative Loss Minimization | | | | | Y |
| 8-4-501 | Record keeping requirements | | | | | Y |
| 8-4-603 | Analysis of Samples | | | | | Y |
| BAAQMD Regulation 8, Rule 19 | Surface Preparation and Coating of Miscellaneous Metal Parts and Products (10/16/02) | | | | | |
| 8-19-117 | Exemption, Stencil Coatings | | | | | Y |
| NESHAP 40 CFR Part 63, Subpart MMMM | National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products (04/20/06) | | | | | |
| 63.3880 | What is the purpose of this subpart? | | | | | Y |
| 63.3881(a), (b) | Am I subject to this subpart? – facility | | | | | Y |
| 63.3882(a), (b)(1) | What parts of my plant does this subpart cover? – coating operation | | | | | Y |
| 63.3883(b) | Initial compliance date (January 2, 2007) | | | | | Y |
| 63.3890(b)(1) | Emission limit – existing facility general use coating | ≤ 2.6 lb/gal of coating solids used during each 12-month compliance period | Organic HAP \$63.3930 | Record keeping P/M | Every six months | Y |
| 63.3891(a) | Emission limit option – compliant material option | Organic HAP content of each coating used is $\leq \$63.3890$ (2.6 lb HAP/gal coating solids) and each thinner, additive, and cleaning material contains no organic HAP | \$63.3930 | Record keeping P/M | Every six months | Y |
| 63.3892 | Operating limit – Exemption for compliant | | | | | Y |

Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-32 Flow Jet Pipe Labeler

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y/N) |
|------------------------|---|----------------------|---------------------|------------------------|------------------|------------------|
| - 63.3893 | Work practice standards – material option Exemption for compliant material option | | | | | Y |
| 63.3900(a)(1) | General requirements – compliant material option | Comply with §63.3890 | §63.3930 | Record keeping P/M | Every six months | Y |
| 63.3910(b) | Initial Notification –January 1, 2004 | | | | | Y |
| 63.3910(c)(1)-(3) | Notification of compliance status – name, address, responsible official, reporting period dates | | | | | Y |
| 63.3910(c)(4) | Notification of compliance status – Identification of compliance option(s) | | | | | Y |
| 63.3910(c)(5) | Notification of compliance status – Achievement of emission limitations for the initial compliance period | | | | | Y |
| 63.3910(c)(6) | Notification of compliance status – Deviation reports | | | | | Y |
| 63.3910(c)(7) | Notification of compliance status – Data (mass fraction of HAPs, volume fraction of coating solids, density, waste material and mass of HAPs) | | | | | Y |
| 63.3910(c)(8)(i) | Notification of compliance status – calculation of lb HAP emitted per gallon of coating solids | | | | | Y |
| 63.3920(a) | Reporting requirements – semianual compliance reports | | | | | Y |
| 63.3930 | Record keeping requirements | | | | | Y |
| 63.3931 | Records retention – 5 years total, 2 years onsite | | | | | Y |
| 63.3940 | Initial Compliance demonstration date - §63.3883 | | | | | Y |
| 63.3941 | Initial Compliance demonstration methods | | | | | Y |
| 63.3942(a) | Continuous Compliance demonstration | Comply with §63.3890 | §63.3930 | Record keeping P/M | Every six months | Y |
| 63.3942(b) | Deviation definition for compliant material | | | | | Y |

Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-32 Flow Jet Pipe Labeler

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y/N) |
|------------------------------------|--|--|---|------------------------|-----------------------|------------------|
| 63.3942(c),(d) | Continuous Compliance demonstration – option | | | | | Y |
| 63.3980 | Delegation | | | | | Y |
| 63.3981 | Definitions | | | | | Y |
| Table 2 to Subpart MMMM of Part 63 | Applicability of General Provisions | | | | | Y |
| Table 3 to Subpart MMMM of Part 63 | Default Organic HAP Mass Fraction for Solvents and Solvent Blends | | | | | Y |
| BAAQMD Condition #21322 | | | | | | |
| Part 1 | Material throughput limit – Ink (Basis: Cumulative Increase) | ≤ 2,500 gallons/any consecutive 12-month period | BAAQMD Condition #21322, Part 4 | Record keeping P/M | Once every six months | Y |
| Part 2 | Material throughput limit – Cleanup Solvent (Basis: Cumulative Increase) | ≤ 1,000 gallons/any consecutive 12-month period | Cleanup Solvent BAAQMD Condition #21322, Part 4 | Record keeping P/M | Once every six months | Y |
| Part 3 | Material Options – POC limit, NPOC limit (Basis: Cumulative Increase) | NPOC ≤ 0 lb/year POC = 0 lb/year 12-month period | BAAQMD Condition #21322, Part 4 | Record keeping P/M | Once every six months | Y |
| Part 4 | Record keeping requirements (Basis: Cumulative Increase, Regulation 2-5) | | | | | Y |

Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements S-14 Fittings Dip Barrel
S-34 Pipe Finishing Dip Tank (P2, P3) S-35 Pipe Finishing Dip Tank (P4)
S-36 Pipe Finishing Dip Tank (P5, P6)
S-43 Pipe Finishing Dip Tank (P1)

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y / N) |
|--|--|--|----------------------------------|------------------------|-----------------------|--------------------|
| BAAQMD Regulation 8, Rule 19 | Surface Preparation and Coating of Miscellaneous Metal Parts and Products (10/16/02) | | | | | |
| 8-19-302.2 | Solvents and Surface Coating Requirements | VOC content of coatings 2.8 lb/gallon of coating applied, excluding water | BAAQMD Condition #24639, Part 11 | Record keeping P/M | Once every six months | Y |
| 8-19-320 | Solvent Evaporative Loss Minimization | | | | | Y |
| 8-19-501 | Record keeping requirements | | | | | Y |
| 8-19-601 | Analysis of Samples | | | | | Y |
| NESHAP 40 CFR Part 63, Subpart MMMM | National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products (04/20/06) | | | | | |
| 63.3880 | Purpose | | | | | Y |
| 63.3881(a),(b) | Applicability - facility | | | | | Y |
| 63.3882(a), (b)(1) | Applicability - coating operation | | | | | Y |
| 63.3883(b) | Initial compliance date (January 2, 2007) | | | | | Y |
| 63.3890(b)(1) | Emission limit – existing facility general use coating | Organic HAP ≤ 2.6 lb/gal of coating solids used during each 12-month compliance period | \$63.3930 | Record keeping P/M | Every six months | Y |
| 63.3891(a) | Emission limit option – compliant material option | Organic HAP content of each coating used is ≤ \$63.3890 (≤ 2.6 lb/gal of coating solids) and each thinner, additive, and cleaning material contains no organic HAP | \$63.3930 | Record keeping P/M | Every six months | Y |
| 63.3892 | Operating limit – Exemption for compliant material option | | | | | Y |
| 63.3893 | Work practice standards – | | | | | Y |

Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements S-14 Fittings Dip Barrel
S-34 Pipe Finishing Dip Tank (P2, P3) S-35 Pipe Finishing Dip Tank (P4)
S-36 Pipe Finishing Dip Tank (P5, P6)
S-43 Pipe Finishing Dip Tank (P1)

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y/N) |
|------------------------|---|----------------------|---------------------|------------------------|------------------------------------|------------------|
| | Exemption for compliant material option | | | | | |
| 63.3900(a)(1) | General requirements – compliant material option | Comply with §63.3890 | §63.3930 | P/M | Record keeping Every six months | Y |
| 63.3910(b) | Initial Notification – January 1, 2004 | | | | | Y |
| 63.3910(c)(3) | Notification of compliance status – name, address, responsible official, reporting period dates | | | | | Y |
| 63.3910(c)(4) | Notification of compliance status – Identification of compliance option(s) | | | | | Y |
| 63.3910(c)(5) | Notification of compliance status – Achievement of emission limitations for the initial compliance period | | | | | Y |
| 63.3910(c)(6) | Notification of compliance status – Deviation reports | | | | | Y |
| 63.3910(c)(7) | Notification of compliance status – Data (mass fraction of HAPs, volume fraction of coating solids, density, waste material and mass of HAPs) | | | | | Y |
| 63.3910(c)(8)(i) | Notification of compliance status – calculation of lb HAP emitted per gallon of coating solids | | | | | Y |
| 63.3920(a) | Reporting requirements – semiannual compliance reports | | | | | Y |
| 63.3930 | Record keeping requirements | | | | | Y |
| 63.3931 | Records retention – 5 years total, 2 years onsite | | | | | Y |
| 63.3940 | Initial Compliance demonstration date - §63.3883 | | | | | Y |
| 63.3941 | Initial Compliance demonstration methods | | | | | Y |
| 63.3942(a) | Continuous Compliance demonstration | Comply with §63.3890 | §63.3930 | P/M | Record keeping Every six months | Y |

Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements S-14 Fittings Dip Barrel
S-34 Pipe Finishing Dip Tank (P2, P3) S-35 Pipe Finishing Dip Tank (P4)
S-36 Pipe Finishing Dip Tank (P5, P6)
S-43 Pipe Finishing Dip Tank (P1)

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y/N) |
|---------------------------------|--|--|----------------------------------|------------------------|--------------------------------------|------------------|
| 63.3942(b) | Deviation definition for compliant material option | - | - | - | - | Y |
| 63.3942(c),(d) | Continuous Compliance demonstration – semiannual reports, records | - | - | - | - | Y |
| 63.3980 | Delegation | - | - | - | - | Y |
| 63.3981 | Definitions | - | - | - | - | Y |
| Table 2 to Subpart M of Part 63 | Applicability of General Provisions | - | - | - | - | Y |
| Table 3 to Subpart M of Part 63 | Default Organic HAP Mass Fraction for Solvents and Solvent Blends | - | - | - | - | Y |
| BAAQMD Condition #24639 | For S-34, S-35, S-36, S-43 | - | - | - | - | - |
| Part 1 | Material throughput limit for S-34, S-35, S-36 and S-43 combined (Basis: Cumulative Increase, Offsets, Toxics) | ≤ 251,442 gallons (1,090 tons)/any consecutive 12-month period | BAAQMD Condition #24639, Part 11 | P/M | Record keeping Once every six months | Y |
| Part 2 | Material throughput limit for S-43 (Basis: Cumulative Increase) | ≤ 2,000 gallons/any consecutive 12-month period | BAAQMD Condition #24639, Part 11 | P/M | Record keeping Once every six months | Y |
| Part 3 | Specification of material - Synthetic asphalt pipe coating (Basis: Cumulative Increase) | VOC limit ≤ 0.04 lb/gallon | BAAQMD Condition #24639, Part 11 | P/M | Record keeping Once every six months | Y |
| Part 4 | Abatement requirement – S-34, S-35, S-36 abated by A35 and A-36 (Basis: Cumulative Increase) | - | - | - | - | Y |
| Part 5 | A-35 and A-36 pressure gauge and operation and maintenance requirement (Basis: Cumulative Increase) | - | - | - | - | Y |

Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements S-14 Fittings Dip Barrel
S-34 Pipe Finishing Dip Tank (P2, P3) S-35 Pipe Finishing Dip Tank (P4)
S-36 Pipe Finishing Dip Tank (P5, P6)
S-43 Pipe Finishing Dip Tank (P1)

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y / N) |
|------------------------|--|--|------------------------------------|------------------------|-----------------------|---|
| Part 6 | Hot dip operating temperature limit (S-34, S-35, S-36, S-43) (Basis: Cumulative Increase, Toxics) | Coating Temperature Limit ≤ 500 degrees F | BAAQMD Condition #24639, Part 7 | Record keeping P/M | Once every six months | Y |
| Part 7 | Temperature measuring and recording device requirement for each S-34, S-35, S-36, S-43 | | | | | N – backup alarm system verified no violation of permit requirements as a result of the minor data loss |
| Part 8 | Prohibition on cleanup solvent (Basis: Cumulative Increase) | | | | | Y |
| Part 9 | Odor Abatement Plan requirement for S-43 if one District-confirmed odor complaint | | | | | Y |
| Part 10 | Comprehensive Odor Abatement Plan requirement if public nuisance under BAAQMD 1-301 | | | | | Y |
| Part 11 | Record keeping requirements of net usage of asphalt coating at each S-34, S-35, S-36, S-43 (Basis: Record keeping) | | | | | Y |
| Part 11a | Record keeping requirements Operating hours of S-34, S-35, S-36, S-43 (Basis: Record keeping) | | | | | Y |
| Part 11b | Record keeping requirements Operating hours of A-35 and A-36 (Basis: Record keeping) | | | | | Y |
| Part 11c | Maintenance Records for A-35 and A-36 (Basis: Record keeping) | | | | | Y |
| Part 12 | Shutdown requirement for cutback asphalt dip tanks (Basis: Contemporaneous emission reduction credits) | | | | | Y |

Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements

S-38 Vertical Asphalt Storage Tank #1 (exempt)

S-39 Vertical Asphalt Storage Tank #2 (exempt)

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y / N) |
|--|--|--------------|----------------------------|-----------------------------------|------------------|---------------------------|
| BAAQMD Regulation 2, Rule 1 | Exemption from permit requirements (storage of asphalt with a sulfur content < 0.5%) | | | - | - | |
| 2-1-123.3.7 | | | | | Y | |
| BAAQMD Regulation 8, Rule 5 | Storage of Organic Liquids (10/18/06) | | | | | |
| 8-5-117 | Limited Exemption, Low Vapor Pressure (≤ 0.5 psia) | | | | Y | |
| SIP Regulation 8, Rule 5 | Storage of Organic Liquids (06/05/03) | | | | | |
| 8-5-117 | Limited Exemption, Low Vapor Pressure (≤ 0.5 psia) | | | | Y | |
| NESHAP 40 CFR Part 63, Subpart MMMM | National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products (04/20/06) | | | | | |
| 63.3880 | Purpose | | | | Y | |
| 63.3881(a),(b) | Applicability - facility | | | | Y | |
| 63.3882(a), (b)(2) | Applicability - storage containers and mixing vessels of coatings, thinners | | | | Y | |
| 63.3883(b) | Initial compliance date (January 2, 2007) | | | | Y | |
| 63.3893 | Work practice standards – Exemption for compliant material option | | | | Y | |
| 63.3910(b) | Initial Notification – January 1, 2004 | | | | Y | |
| 63.3910(c)(1)-(3) | Notification of compliance status – name, address, responsible official, reporting period dates | | | | Y | |
| 63.3910(c)(4) | Notification of compliance status – Identification of compliance option(s) | | | | Y | |

Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-38 Vertical Asphalt Storage Tank #1 (exempt)
S-39 Vertical Asphalt Storage Tank #2 (exempt)

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y/N) |
|------------------------------------|---|-------|---------------------|------------------------|-----------|------------------|
| 63.3910(c)(5) | Notification of compliance status – Achievement of emission limitations for the initial compliance period | | | | | Y |
| 63.3910(c)(6) | Notification of compliance status – Deviation reports | | | | | Y |
| 63.3910(c)(7) | Notification of compliance status – Data (mass fraction of HAPs, volume fraction of coating solids, density, waste material and mass of HAPs) | | | | | Y |
| 63.3910 (c)(8)(i) | Notification of compliance status – calculation of lb HAP emitted per gallon of coating solids | | | | | Y |
| 63.3920(a) | Reporting requirements – semiannual compliance reports | | | | | Y |
| 63.3930 | Record keeping requirements | | | | | Y |
| 63.3931 | Records retention – 5 years total, 2 years onsite | | | | | Y |
| 63.3942(b) | Deviation definition for compliant material option | | | | | Y |
| 63.3942(c),(d) | Continuous Compliance demonstration – semiannual reports, records | | | | | Y |
| 63.3980 | Delegation | | | | | Y |
| 63.3981 | Definitions | | | | | Y |
| Table 2 to Subpart MMMM of Part 63 | Applicability of General Provisions | | | | | Y |
| Table 3 to Subpart MMMM of Part 63 | Default Organic HAP Mass Fraction for Solvents and Solvent Blends | | | | | Y |

Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-46 – Sand Storage Bunker
S-47 – Storage Piles S-50 Slurry Mix Stations

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y/N) |
|------------------------------------|---|--|---------------------|------------------------|-----------|------------------|
| BAAQMD Regulation 6, Rule 1 | Particulate Matter (12/05/07) | | | | | |
| 6-1-301 | Ringelmann 1.0 Limitation | OPACITY Ringelmann 1.0 < 3 min/hr | | | Y | |
| 6-1-305 | Visible Particles | FILTERABLE PARTICULATE General Operations $4.10P^{0.67}$ lb/hr where P is process weight, ton/hr | | | Y | |
| 6-1-311 | | | | | Y | |
| 6-1-401 | Appearance of Emissions | | | | Y | |
| 6-1-601 | Particulate Matter, Sampling, Sampling Facilities, Opacity Instruments and Appraisal of Visible Emissions | | | | Y | |
| SIP Regulation 6 | Particulate Matter and Visible Emissions (09/04/98) | | | | | |
| 6-301 | Ringelmann 1.0 Limitation | OPACITY Ringelmann 1.0 < 3 min/hr | | | Y | |
| 6-305 | Visible Particles | FILTERABLE PARTICULATE 0.15 gr/dscf | | | Y | |
| 6-310 | Particulate Weight Limitation | | | | Y | |
| 6-311 | General Operations | FILTERABLE PARTICULATE $4.10P^{0.67}$ lb/hr, where P is process weight, ton/hr | | | Y | |
| 6-401 | Appearance of Emissions | | | | Y | |
| 6-601 | Particulate Matter, Sampling, Sampling Facilities, Opacity Instruments and Appraisal of Visible Emissions | | | | Y | |

Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-51 Specialty Finishing Paint Dip Tanks

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y/N) |
|--|--|--|----------------------------------|------------------------|-----------------------|------------------|
| BAAQMD Regulation 8, Rule 19 | Surface Preparation and Coating of Miscellaneous Metal Parts and Products (10/16/02) | | | | | |
| 8-19-302.2 | Solvents and Surface Coating Requirements | VOC content of coatings 2.8 lb/gallon of coating applied, excluding water | BAAQMD Condition #24639, Part 11 | Record keeping P/M | Once every six months | Y |
| 8-19-320 | Solvent Evaporative Loss Minimization | | | | | Y |
| 8-19-501 | Record keeping requirements | | | | | Y |
| 8-19-601 | Analysis of Samples | | | | | Y |
| NESHAP 40 CFR Part 63, Subpart MMMM | National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products (04/20/06) | | | | | |
| 63.3880 | Purpose | | | | | Y |
| 63.3881(a),(b) | Applicability - facility | | | | | Y |
| 63.3882(a), (b)(1) | Applicability – coating operation | | | | | Y |
| 63.3883(b) | Initial compliance date (January 2, 2007) | | | | | Y |
| 63.3890(b)(1) | Emission limit – existing facility general use coating | Organic HAP ≤ 2.6 lb/gal of coating solids used during each 12-month compliance period | §63.3930 | Record keeping P/M | Every six months | Y |
| 63.3891(a) | Emission limit option – compliant material option | Organic HAP content of each coating used is ≤ §63.3890 (≤ 2.6 lb/gal of coating solids)and each thinner, additive, and cleaning material contains no organic HAP | §63.3930 | Record keeping P/M | Every six months | Y |
| 63.3892 | Operating limit – Exemption for compliant | | | | | Y |

Source-Specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-51 Specialty Finishing Paint Dip Tanks

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y / N) |
|------------------------|---|----------------------|---------------------|------------------------|------------------|--------------------|
| 63.3893 | material option Work practice standards – Exemption for compliant material option | | | | | Y |
| 63.3900(a)(1) | General requirements – compliant material option | Comply with §63.3890 | §63.3930 | Record keeping P/M | Every six months | Y |
| 63.3910(b) | Initial Notification – January 1, 2004 | | | | | Y |
| 63.3910(c)(1)-(3) | Notification of compliance status – name, address, responsible official, reporting period dates | | | | | Y |
| 63.3910(c)(4) | Notification of compliance status – Identification of compliance option(s) | | | | | Y |
| 63.3910(c)(5) | Notification of compliance status – Achievement of emission limitations for the initial compliance period | | | | | Y |
| 63.3910(c)(6) | Notification of compliance status – Deviation reports | | | | | Y |
| 63.3910(c)(7) | Notification of compliance status – Data (mass fraction of HAPs, volume fraction of coating solids, density, waste material and mass of HAPs) | | | | | Y |
| 63.3910(c)(8)(i) | Notification of compliance status – calculation of lb HAP emitted per gallon of coating solids | | | | | Y |
| 63.3920(a) | Reporting requirements – semiannual compliance reports | | | | | Y |
| 63.3930 | Record keeping requirements | | | | | Y |
| 63.3931 | Records retention – 5 years total, 2 years onsite | | | | | Y |
| 63.3940 | Initial Compliance demonstration date - §63.3883 | | | | | Y |

Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-51 Specialty Finishing Paint Dip Tanks

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y / N) |
|------------------------------------|---|---|----------------------------------|------------------------|-----------------------|--------------------|
| 63.3941 | Initial Compliance demonstration methods | | | | | Y |
| 63.3942(a) | Continuous Compliance demonstration | Comply with §63.3890 | §63.3930 | Record keeping P/M | Every six months | Y |
| 63.3942(b) | Deviation definition for compliant material option | | | | | Y |
| 63.3942(c),(d) | Continuous Compliance demonstration – semiannual reports, records | | | | | Y |
| 63.3980 | Delegation | | | | | Y |
| 63.3981 | Definitions | | | | | Y |
| Table 2 to Subpart MMMM of Part 63 | Applicability of General Provisions | | | | | Y |
| Table 3 to Subpart MMMM of Part 63 | Default Organic HAP Mass Fraction for Solvents and Solvent Blends | | | | | Y |
| BAAQMD Condition # 25748 | For S-51 | | | | | |
| Part 1 | Material throughput limit for S-51 (Basis: Cumulative Increase) | 1000 gallon rust inhibitor and 500 gallon of grey/any consecutive 12-month period | BAAQMD Condition # 25748, Part 3 | Record keeping P/M | Once every six months | Y |

Source-specific Applicable Requirements, Applicable Limits & Compliance Monitoring Requirements
S-52 № Bake Molding System

| Applicable Requirement | Regulation Title or Description of Requirement | Limit | Monitoring Citation | Monitoring & Frequency | Reporting | Compliance (Y/N) |
|------------------------------------|--|--|--|------------------------|-----------------------|------------------|
| BAAQMD Regulation 8, Rule 4 | General Solvent and Surface Coating Operations (10/16/02) | | | | | |
| 8-4-302.3 | Solvents and Surface Coating Requirements | VOC content of coatings ≤ 3.5 lb/gallon of coating as applied | BAAQMD Condition #21322, Part 4 | Record keeping P/M | Once every six months | Y |
| 8-4-312 | Solvent Evaporative Loss Minimization | | | | | Y |
| 8-4-501 | Record keeping requirements | | | | | Y |
| 8-4-603 | Analysis of Samples | | | | | Y |
| BAAQMD Condition # 25437 | For S-52 | | | | | |
| Part 1 | Throughput limit (Basis: Cumulative Increase) | Techniset binder limit ≤ 43,880 gallons combined ≤ 251,442 gallons during any consecutive 12month period | BAAQMD Condition # 25437, Part 3 and 4 | Record keeping P/M | Once every six months | Y |
| Part 2 | Abatement Requirement by S-1 and A-21 and A-25 | | 63.7740(a); BAAQMD Condition #9351, Part 2 | Temperature monitor C | Once every six months | Y |